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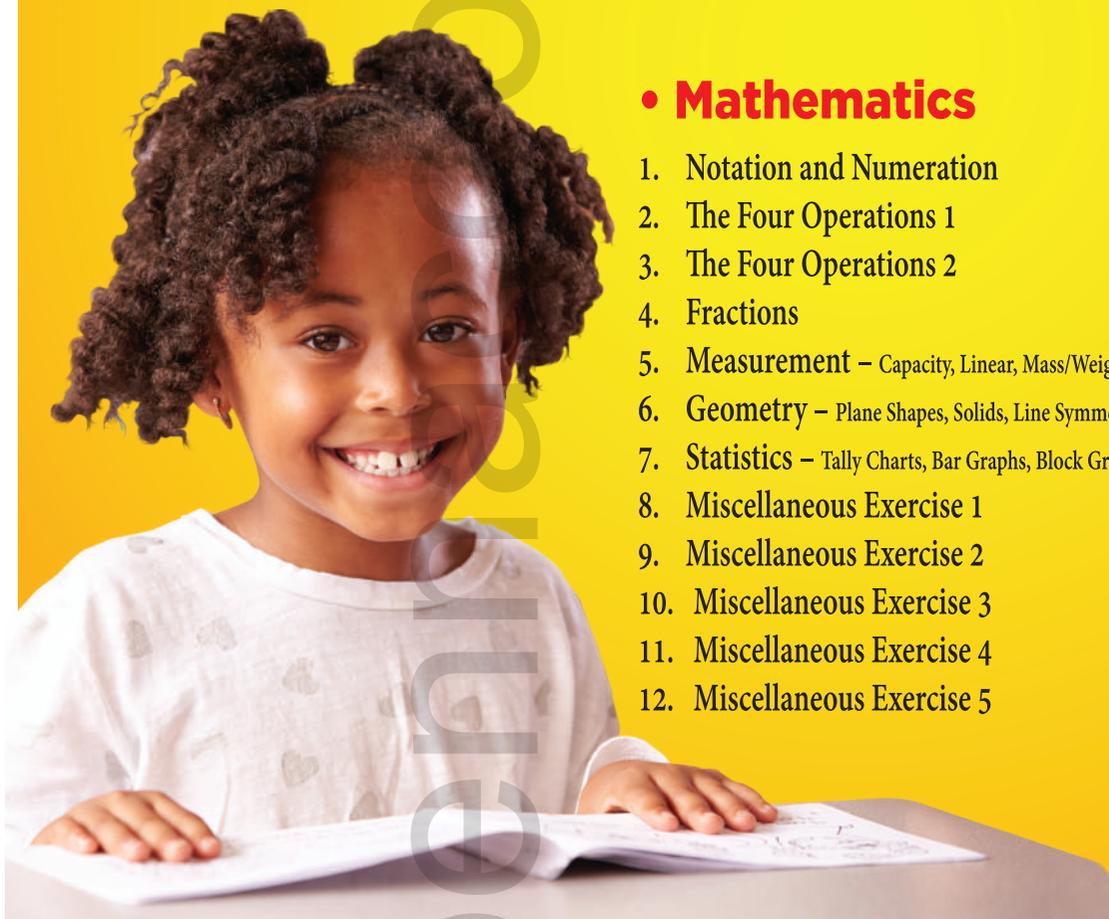
**CURRICULUM
- ALIGNED**

Standard 3 Workbook

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24 Reinforcement Exercises

covering the Standard 3 Syllabus



• Mathematics

1. Notation and Numeration
2. The Four Operations 1
3. The Four Operations 2
4. Fractions
5. Measurement – Capacity, Linear, Mass/Weight, Time
6. Geometry – Plane Shapes, Solids, Line Symmetry
7. Statistics – Tally Charts, Bar Graphs, Block Graphs
8. Miscellaneous Exercise 1
9. Miscellaneous Exercise 2
10. Miscellaneous Exercise 3
11. Miscellaneous Exercise 4
12. Miscellaneous Exercise 5

• Language Arts

1. Nouns
2. Pronouns and Punctuation
3. Verbs and Punctuation
4. Types of Sentences, Negative Sentences, Sentence Analysis
5. Adjectives
6. Adverbs
7. Prepositions and Conjunctions
8. Miscellaneous Exercise 1
9. Miscellaneous Exercise 2
10. Miscellaneous Exercise 3
11. Miscellaneous Exercise 4
12. Miscellaneous Exercise 5



BONUS OFFER

These 24 Reinforcement Exercises are also available online.
See inside cover for access instructions

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SECTION 1 MATHEMATICS

CHAPTER 1: NOTATION AND NUMERATION

SECTION 1:

QUESTIONS					
1.	Th	H	T	O	State the value of the ■ in the number 4 583. Answer: _____
	4	5	8	3	
2.	State the place value of the 6 in the number 2 653. Answer: _____				
3.	Write the word name for ■ . Answer: _____				
4.	Write the numerals that represent the number: Five thousand, seven hundred and twenty-nine. Answer: _____				
5.	Write in expanded notation: 4 673 Answer: _____				
6.	Write the number that is represented by the following: $(7 \times 10) + (\blacksquare \times 100) + (2 \times 1) + (\blacksquare \times 1000)$ Answer: _____				
7.	Using the digits: 7, 3, 8, 0, write the largest number that can be formed. Answer: _____				
8.	What is the ■ number that can be formed using the digits: 6, 4, 0 and 8? Answer: _____				

9.	Arrange the following in order: 7 856, 5 678, 5 687, 8 756 Answer: _____
10.	Arrange the following in descending order: 3 426, 4 362, 4 326, 3 624 Answer: _____
11.	Complete the following using < or >. 3 456 <input type="text"/> 3 546 Answer: _____
12.	Approximate to the nearest ten. Answer: _____
13.	Approximate 6 549 to the nearest . Answer: _____
14.	Complete the following using < or >. 6 758 <input type="text"/> 6 857 Answer: _____
15.	Complete the number pattern below: 25, , , _____, _____ Answer: _____
16.	Complete the number pattern below: 3, 6, 12, _____, 48, 96 Answer: _____

SECTION 2:

QUESTIONS	
17.	<p>A bag has 7 865 marbles. What is the value of the 7 in the number of marbles in the bag?</p> <p>Answer: _____</p>
18.	<p>Mary was asked to write the value of the digit 7 in and she wrote tens. Subsequently, Mary got the answer wrong. Explain why she got the answer wrong.</p> <p>Answer: _____</p> <p>_____</p>
19.	<p>Sarah's number has 5 thousands, 6 hundreds, 9 tens and 2 ones. Tom's number has 2 thousands and 1 ten less. Write the number that Tom has.</p> <p>Answer: _____</p>
20.	<p>Mummy had 5 647 paperclips. Write the word name for the number of paperclips that Mummy has left.</p> <p>Answer: _____</p> <p>_____</p>
21.	<p>Max has stickers in his collection. Approximate to the nearest hundred, the number of stickers in Max's collection.</p> <p>Answer: _____ stickers</p>

22.	<p>In a game of Number Bingo, Anna got the digits: 7, 4, 0 and 1. What is the smallest number that Anna can make using those digits?</p> <p>Answer: _____</p>
23.	<p>Jane and Tom were arguing about the digit with the greatest value in the number ████. Jane said that 3 had the greatest value while Tom said that 9 had the greatest value. Who was correct? Explain why.</p> <p>Answer: _____ _____</p>
24.	<p>Complete the following using < or >.</p> <p>623 + 354 <input type="checkbox"/> ████</p> <p>Answer: _____</p>
25.	<p>Complete the following using < or >.</p> <p>$(2 \times 100) + (3 \times 1) + (4 \times 1000)$ <input type="checkbox"/> $(8 \times 1000) + (2 \times 1)$</p> <p>Answer: _____</p>

CHAPTER 2: THE FOUR OPERATIONS 1

SECTION 1:

QUESTIONS	
1.	Add together 1 245, 200 and 4 210. Answer: _____
2.	What is the sum of 3 452 and ■■■? Answer: _____
3.	■■■ - 1 234 = Answer: _____
4.	What is the difference between 5 000 and 3 478? Answer: _____
5.	213×5 Answer: _____
6.	Find the product of ■■■ and 13. Answer: _____
7.	$6\,393 \div 3$ Answer: _____

8.	<p>What is the quotient when 8 412 is divided by 4?</p> <p>Answer: _____</p>
9.	<p>What is the total when <input type="text"/> is added to 2 364?</p> <p>Answer: _____</p>
10.	<p>What is the value of the 4 added to the value of the 8 in <input type="text"/>?</p> <p>Answer: _____</p>
11.	<p>By how much is the value of the 6 in 6 479 greater than the value of the 7?</p> <p>Answer: _____</p>
12.	<p>Complete the following:</p> <p><math>2\,563 + 123 + \underline{\hspace{2cm}} = \text{<input type="text"/></math></p> <p>Answer: _____</p>
13.	<p>Complete the following:</p> <p><math>12 \times 12 = \text{<input type="text"/>} \div 3</math></p> <p>Answer: _____</p>
14.	<p>Complete the following:</p> <p><math>\text{<input type="text"/>} - 3\,456 = 2\,386 + \text{<input type="text"/></math></p> <p>Answer: _____</p>
15.	<p>How much is 4 dozen more than 4 587?</p> <p>Answer: _____</p>

SECTION 2:

QUESTIONS	
16.	<p>a) Mary had \$2 378 then she spent \$989 at the grocery. How much money does Mary have left?</p> <p>Answer = _____</p> <p>b) If Mary later spent a further on a pair of shoes, how much money does Mary have left?</p> <p>Answer: _____</p>
17.	<p>Mummy bought 215 metres of red ribbon, 65 metres of black ribbon and 1 250 metres of gold ribbon. How many metres of ribbon did she buy in total?</p> <p>Answer: _____ m</p>
18.	<p>1 pack has 400 mini balloons. How many balloons will I get if I buy packs?</p> <p>Answer: _____ balloons</p>
19.	<p>Miss Singh bought 12 dozens cupcakes to be shared among the guests at her party. If each guest got 3 cupcakes, how many guests were there at her party?</p> <p>Answer: _____ guests</p>
20.	<p>For a movie day at school, tickets were being sold at \$6 each. If the movie club made a total of , how many people bought tickets to see the movie?</p> <p>Answer: _____ people</p>

21.	<p>Jane had 2 500 mangoes. She gave her friend 270 of the mangoes then sold 1 245 more than the number she gave her friend. How many mangoes does Jane have left now?</p> <p>Answer: _____ mangoes</p>				
22.	<p>When Mummy went to the market, there were two special offers on tomatoes. Offer A was 5 kg of tomatoes for \$10 while Offer B was 10 kg of tomatoes for \$25. Which was the better offer?</p> <p>Answer: _____</p> <p>Explain why you chose that offer.</p> <p>Answer: _____</p> <p>_____</p>				
23.	<p>A bookshelf has ■ shelves. Each shelf holds 10 books. After each child in the Standard 3 class borrowed a book from the library, there were 67 books left. How many children were there in the Standard 3 class?</p> <p>Answer: _____ children</p>				
24.	<p>Mummy wanted to buy juice for a party. The juice comes in cases of ■ packs. If Mummy bought 15 cases of juice and there were 15 packs of juice left over, how many packs of juice were drunk at the party?</p> <p>Answer: _____ juices</p>				
25.	<p>The number of calories in one serving of food are shown below.</p> <table border="1" data-bbox="272 1549 1416 1612"> <tr> <td>chicken – 200</td> <td>rice – 140</td> <td>cucumber – 25</td> <td>carrot – 100</td> </tr> </table> <p>Brad chose a meal made up of 1 serving of chicken, 2 servings of rice and 4 servings of cucumber. Calculate the number of calories in Brad’s meal.</p> <p>Answer: _____ calories</p>	chicken – 200	rice – 140	cucumber – 25	carrot – 100
chicken – 200	rice – 140	cucumber – 25	carrot – 100		

CHAPTER 3: THE FOUR OPERATIONS 2

SECTION 1:

QUESTIONS	
1.	Add 2 345 to ■. Answer: _____
2.	What is the sum of 5 004 and 3 999? Answer: _____
3.	Find the difference between 8 000 and 3 467. Answer: _____
4.	Take ■ away from 4 567. Answer: _____
5.	How much is $234 \times \blacksquare$? Answer: _____
6.	Find the product of 23 and 24. Answer: _____
7.	Share 6 750 equally into 5 groups. Answer: _____
8.	Solve: $3\,918 \div \blacksquare$ Answer: _____

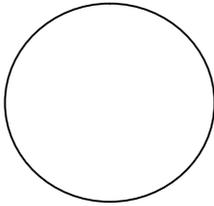
SECTION 2:

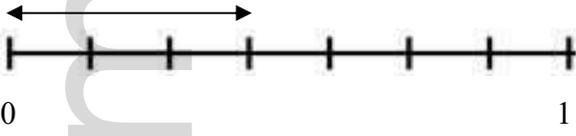
QUESTIONS	
17.	A bag has 1 865 marbles. How many marbles will there be in 3 bags? Answer: _____ marbles
18.	Mary had \$1 250 then she got [REDACTED] from Mummy for her birthday. She later spent \$478 out of her money. How much money does Mary have left? Answer: _____
19.	Sarah's number has 5 thousands, 6 hundreds, 9 tens and 2 ones. Tom's number has 2 thousands, 7 hundreds and 3 ones less than Sarah's number. What number does Tom have? Answer: _____
20.	Mummy had 5 647 paperclips. She lost [REDACTED] paperclips. How many paperclips does mummy have left? Answer: _____ paperclips
21.	Max has 6 524 stickers in his collection. Approximate to the nearest hundred, the number of stickers in Max's collection. Answer: _____ stickers
22.	A bag has 364 sweets. Anna bought 3 bags of sweets then shared them all among her 6 friends. How many sweets did each friend receive? Answer: _____ sweets

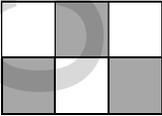
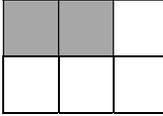
23.	A certain number is multiplied by 5 after which 843 is added to give 3 668. What is the number? Answer: _____
24.	a. At the supermarket, every ■ customer is given a hamper. If 332 customers have already visited the supermarket, how many hampers have already been given away? Answer: _____ hampers b. If a family of two followed by Alex, Tim, Anna and John enter the supermarket next, who will receive the next hamper? Answer: _____
25.	A baker bakes cookies by the dozen. If she baked 56 dozens of Christmas cookies then sold ■ of them, how many Christmas cookies does the baker have left? Answer: _____ cookies

CHAPTER 4: FRACTIONS

SECTION 1:

QUESTIONS	
1.	<p>Write the word names for the fractions below.</p> <p>a) $\frac{1}{2}$ - _____</p> <p>b)  - _____</p> <p>c) $\frac{3}{8}$ - _____</p>
2.	<p>Write the fractions:</p> <p>a) four-fifths - _____</p> <p>b) seven-eighths - _____</p> <p>c)  - _____</p>
3.	<p>Mary bought an 8 – slice pizza. $\frac{1}{2}$ of the pizza was vegetarian and the other half was meat.</p> <p>Complete the diagram to represent the pizza showing the 8 slices, the vegetarian half and the meat half.</p> <div style="text-align: center;"></div>
4.	<p>a) Circle the improper fractions: $\frac{1}{2}$ $\frac{3}{4}$ $\frac{7}{5}$ $\frac{10}{12}$ $\frac{5}{3}$</p> <p>b) Explain why they are called improper fractions.</p> <p>Answer: _____</p> <p>_____</p>

5.	<p>What fraction is being represented in the diagram below?</p>  <p>0 1</p> <p>Answer: _____</p>
6.	<p>Complete the equivalent fractions below.</p> <p>a) $\frac{6}{\square} = \frac{1}{2} = \frac{\square}{18}$ b) $\frac{2}{3} = \frac{10}{\square} = \frac{\square}{24}$</p>
7.	<p>Arrange the fractions in order.</p> <p>a) $\frac{1}{5}$ $\frac{1}{3}$ $\frac{1}{8}$ b) $\frac{3}{5}$ $\frac{1}{10}$ $\frac{1}{5}$</p> <p>_____</p>
8.	<p>Use >, < or = to complete each statement below.</p> <p>a) $\frac{1}{5} \square \frac{7}{10}$ b) $\square \frac{5}{8}$ c) $\frac{8}{12} \square \frac{2}{3}$</p>
9.	<p>Reduce the fractions below to their lowest terms using division.</p> <p>a) $\frac{45}{55} = \frac{\square}{\square}$ b) $\frac{12}{48} = \frac{\square}{\square}$ c) $\frac{15}{25} = \frac{\square}{\square}$</p>
10.	<p>Change the following improper fractions to mixed numbers.</p> <p>a) $\frac{25}{3} = \frac{\square}{\square}$ b) $\frac{32}{5} = \frac{\square}{\square}$ c) $\frac{48}{11} = \frac{\square}{\square}$</p>
11.	<p>What is the mixed number represented by the diagram below?</p>  <p>Answer: _____</p>

12.	Change the mixed numbers below to improper fractions. a) $2\frac{1}{3} = \square$ b) $6\frac{2}{8} = \square$ c) $\blacksquare = \square$
13.	Solve: $\frac{1}{5} + \blacksquare =$ Answer: _____
14.	Solve:  take away   take away  =   take away  = 

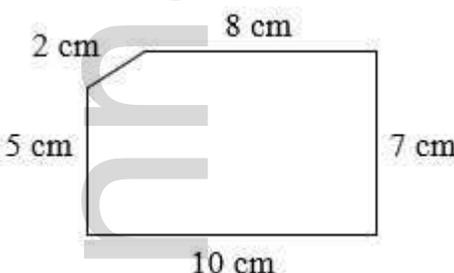
SECTION 2:

QUESTIONS	
15.	<p>Mummy bought some balloons for my birthday party. $\frac{3}{5}$ of the total number of balloons were blue and $\frac{1}{3}$ were pink. Of which colour were there more balloons?</p> <p>Answer: _____</p>
16.	<p>Miss Singh wanted to share cupcakes for her class. Of the cupcakes that she bought, $\frac{3}{8}$ were chocolate while \blacksquare were vanilla. Which flavour cupcake did she buy more of? Explain your answer using a diagram.</p> <p>Answer: _____</p>

17.	<p>Mummy bought a rectangular birthday cake for me. She divided the cake so that I got $\frac{1}{4}$, daddy got $\frac{1}{3}$ and my baby brother got $\frac{1}{10}$. Arrange the fractions in ascending order of the amount of cake each person received.</p> <p>Answer: _____</p>
18.	<p>Dan had stickers while Max had $\frac{1}{2}$ that number of stickers. How many stickers did Max have?</p> <p>Answer: _____ stickers</p>
19.	<p>A clown has 7 balloons. Two of the balloons are blue, 1 is pink, 1 is purple and the rest were red.</p> <p>a) How many balloons were red?</p> <p>Answer: _____</p> <p>b) What fraction of the balloons were red?</p> <p>Answer: _____</p>
20.	<p>At the supermarket, a shelf holds cans. There are 15 cans of peas and 30 cans of corn. Reduced to its lowest form, what is the fraction of the cans that represents peas?</p> <p>Answer: _____</p>
21.	<p>Mummy got $3\frac{3}{7}$ bags of chocolates from Daddy for Valentine's Day and $\frac{4}{7}$ of a bag from John. If she shared $\frac{2}{7}$ of her total chocolates with me, what fraction of chocolates does mummy have left?</p> <p>Answer: _____</p>

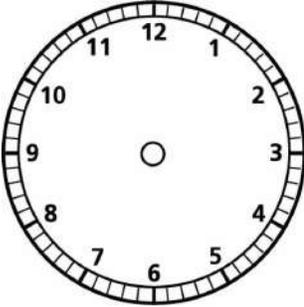
22.	<p>Mary had $\frac{3}{5}$ of a pack of stickers. Mummy bought her 3 more packs then Mary shared $\frac{1}{5}$ of a pack with her sister. At the end, what fraction of stickers did Mary have left?</p> <p>Answer: _____</p>
23.	<p>Amy bought a bag of marbles. In the bag, $\frac{2}{7}$ of the marbles were red, $\frac{4}{7}$ were blue and the remainder were green. What fraction of the marbles were green?</p> <p>Answer: _____</p>
24.	<p>Mary filled $\frac{1}{4}$ of a bucket of water while Tom filled $\frac{1}{8}$ of his bucket. How much water do they have in total?</p> <p>Answer: _____</p>
25.	<p>John ate $\frac{3}{5}$ of a bunch of grapes while Dan ate $\frac{11}{20}$ of his bunch of grapes. What fraction less than John did Dan eat?</p> <p>Answer: _____</p>

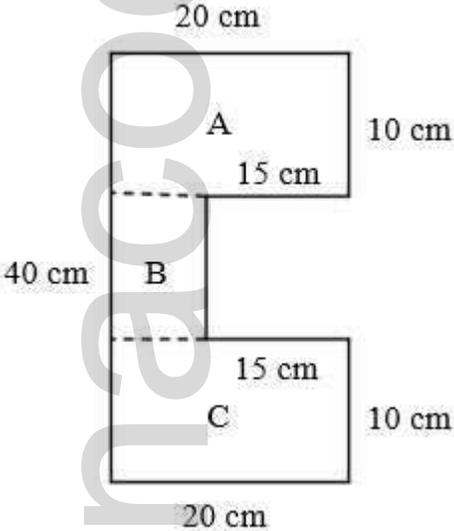
CHAPTER 5: MEASUREMENT – CAPACITY, LINEAR, MASS/WEIGHT, TIME

QUESTIONS	
1.	<p>Change the following as indicated.</p> <p>a) 1 L = _____ ml</p> <p>b) = _____ L</p> <p>c) $2\frac{3}{4}$ L = _____ ml</p>
2.	<p>Which is the most appropriate unit to measure the length of a road?</p> <p>Answer: _____</p>
3.	<p>Write the equivalent of each of the following:</p> <p>e.g. $1\frac{1}{2}$ kg = 1 500 g</p> <p>1 kg = 1 000 g and $\frac{1}{2}$ kg = 500 g so that $1\ 000 + 500 = 1\ 500$ g. Therefore, $1\frac{1}{2}$ kg = 1 500 g</p> <p>a) 5 kg = _____ g</p> <p>b) = _____ g</p>
4.	<p>What is the perimeter of the shape shown below?</p>  <p>Answer: _____ cm</p>
5.	<p>Choose the more appropriate unit, ml or L, to measure the capacity of each of the following.</p> <p>a) A bottle of oil - _____</p> <p>b) A medicine syringe - _____</p>

6.	Approximate to the nearest metre. Answer: _____ m
7.	Change the following as indicated. a) 2 L 100 ml = _____ ml b) = _____ L _____ ml c) $6\frac{3}{4}$ L = _____ ml
8.	The length of one side of a square park is 1 300 m. Approximate to the nearest km, the total distance around the entire park? Answer: _____ km
9.	Daddy's measuring tape is 1 metre long. A piece of wood was $2\frac{1}{2}$ times the length of his measuring tape. What was the length of the piece of wood in centimetres? Answer: _____ cm
10.	Mary bought two yams at the market. One weighed while the other weighed 3 750 g. What is the total weight of the two yams in grams? Answer: _____ g
11.	Ken is making a cake. The recipe calls for $1\frac{1}{2}$ L of milk. Ken checks his refrigerator and sees that he has 1 750 ml. a) Does Ken have enough milk for his recipe? Answer: _____ b) Explain your answer above. Answer: _____ _____ _____

12.	<p>State the time shown on the clock.</p> <div style="text-align: center;">  </div> <p>Answer: _____</p>
13.	<p>A customer wanted to mail a package weighing to America.</p> <p>a) What was the mass of the package in grams?</p> <p>Answer: _____ g</p> <p>b) If the cost of posting a package is \$20 per kg, how much did it cost to mail the package?</p> <p>Answer: _____</p>
14.	<p>A vendor sold pumpkin at per kilogram. If he sold a pumpkin with a mass of $3\frac{1}{2}$ kg, how much money did he receive for that pumpkin?</p> <p>Answer: _____</p>
15.	<p>A can contains 450 ml of condensed milk.</p> <p>a) How much condensed milk will there be in 10 cans? Express your answer in litres and millilitres.</p> <p>Answer: _____ L _____ ml</p> <p>b) If one can of condensed milk costs \$15, what is the total cost of the 10 cans of milk?</p> <p>Answer: _____</p>

16.	<p>When mummy left home to go to the grocery, the long hand on the clock was pointing to 9 and the short hand was almost at 5. At what time did mummy leave to go to the grocery? Write your answer as analog and digital time.</p> <div style="text-align: center;">  </div> <p>Answer: _____</p>
17.	<p>Write the times given below in digital notation putting a.m. or p.m. after it. e.g. Half past three in the evening - <u>3:30 p.m.</u></p> <p>a) Ten minutes past seven in the evening</p> <p>Answer: _____</p> <p>b) XXXXXXXXXX</p> <p>Answer: _____</p>
18.	<p>If the perimeter of the square shown below is 144 cm, what is the length of one side of the square?</p> <div style="text-align: center;">  </div> <p>Answer: _____ cm</p>
19.	<p>A triangular park has all equal sides measuring XXXXXX. What is the total distance around the park approximated to the nearest km?</p> <p>Answer: _____ km</p>

<p>20.</p>	<p>The length of a rectangle is three times its width. If the rectangle has a width of , what is the area of the rectangle?</p> <div style="text-align: center;">  </div> <p>Answer: _____ m²</p>
<p>21.</p>	<p>A cricket match began at 3:30 p.m. At 8:00 p.m., there was a one hour break then the match resumed at 9:00 p.m. If the match finished at 2:30 a.m., how long was the actual cricket match?</p> <p>Answer: _____</p>
<p>22.</p>	<p>Calculate the area of the compound shape below.</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <div style="flex: 1;"> <p>Area of A = _____ cm²</p> <p> = _____ cm²</p> <p>Area of C = _____ cm²</p> <p>Total area = _____ cm²</p> </div> </div>
<p>23.</p>	<p>a) What is the cost of $5\frac{1}{2}$ kg of potatoes if it is being sold at \$12 per kilogram?</p> <p>Answer: _____</p> <p>b) If I paid with then asked the vendor to add another 2 kg of potatoes, how much change will I receive?</p> <p>Answer: _____</p>

24. a) Find the missing value in the shape shown below.

$$L = 25 \text{ cm}$$

$$\text{Perimeter} = 80 \text{ cm}$$

$$B = ?$$

Answer: _____ **cm**

b) Calculate the area of the shape.

Answer: _____ **cm²**

25. a) Daddy works for ten hours every day. On Tuesday, Daddy got to work at 0600 hours. At what time did he finish work on Tuesday? State your answer in 12-hour and 24-hour annotations.

12-hour = _____ 24-hour = _____

b) If Daddy was asked to work a further 4 hours that day, at what time did he finish work?

Answer: _____

c) If Daddy was paid at a rate of \blacksquare per hour, how much money did he earn that day?

Answer: _____

CHAPTER 6: GEOMETRY – PLANE SHAPES, SOLIDS, LINE SYMMETRY

QUESTIONS	
1.	Fill in the missing words. _____ shapes are called ■■■ shapes while ■■■ shapes refer to _____.
2.	What are the dimensions that make up a 2-D shape? Answer: _____ _____
3.	What are the dimensions that make up a 3-D shape? Answer: _____ _____ _____
4.	Name a solid which when cut along its length has the same shape on both ends. Answer: _____
5.	Max and Tom were arguing about a marble. ■■■ said that it was a solid but ■■■ said that it was not because the marble kept rolling away. Who was correct? Explain why. Answer: _____ _____
6.	a) Which is an ■■■ solid? i) a rock ii) a box iii) a can Answer: _____ b) Explain why it is an irregular solid. Answer: _____ _____

7. Complete the table below for the solid shown.

	Name of solid	No. faces	No. edges	No. vertices
				

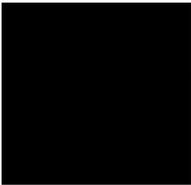
8. Terry was given a square, two circles and four triangles.

a) Name two solids that he could have made using some or all of those shapes?
 Answer: _____

b) Name the shapes he would have used to make one solid named above.
 Answer: _____

9. Name the polygon that has  equal sides.
 Answer: _____

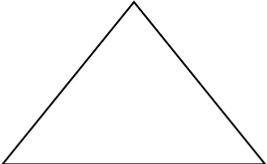
10. Study the diagram below, then name 2 regular polygons that you can see.

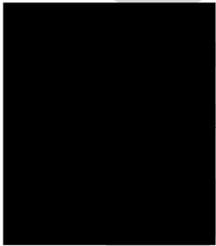
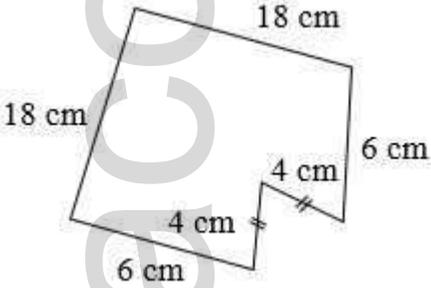
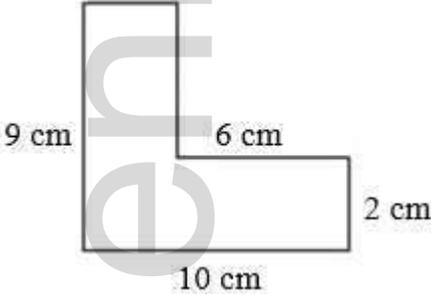


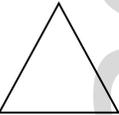
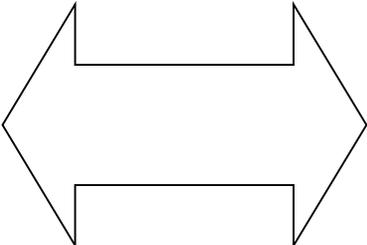
Answer: _____

11. What is a line of symmetry?
 Answer: _____

12. Draw a line of symmetry in the shape below.



13.	<p>a) How many lines of symmetry are there in a ?</p> <p>Answer: _____</p> <p>b) Explain your answer above.</p> <p>Answer: _____</p> <p>_____</p>
14.	<p>Name the solid that is made up of 6 squares.</p> <p>Answer: _____</p>
15.	<p>Name the solid that has the net seen below.</p>  <p>Answer: _____</p>
16.	<p>The polygon shown below is irregular. What is the total distance around the polygon?</p>  <p>Answer: _____ cm</p>
17.	<p>What is the area of the compound shape below?</p>  <p>Answer: _____ cm²</p>

18.	<p>Daddy walked three times around a square path with sides . What was the total distance walked by Daddy?</p> <p>Answer: _____ m</p>
19.	<p>Look at the diagram below.</p>  <p>Name two solids that you can see in the rocket.</p> <p>Answer: _____</p>
20.	<p>Molly argued that a polygon was a flat shape with 3 or more straight sides of differing lengths. Jane argued that a polygon must have equal sides.</p> <p>a. Whose idea about polygons is correct?</p> <p>Answer: _____</p> <p>b. Explain your answer above.</p> <p>Answer: _____</p> <p>_____</p>
21.	<p>Look at the shape below.</p>  <p>a) Is the shape a ?</p> <p>Answer: _____</p> <p>b) Explain your answer.</p> <p>Answer: _____</p> <p>_____</p>
22.	<p>How many lines of symmetry are there in the shape below?</p>  <p>Answer: _____</p>

23. Complete the diagram below to show the net of a [REDACTED].



24. a) Is a [REDACTED] a polygon?

Answer: _____

b) Explain why or why not.

Answer: _____

25. a) Complete the table below.

	No. faces	No. edges	No. vertices
Triangular based pyramid			

b) Draw the shape below.

CHAPTER 7: STATISTICS – TALLY CHARTS, PICTOGRAPHS, BAR GRAPHS, BLOCK GRAPHS

QUESTIONS

1. Study the information below then answer the questions that follow.

At a bazaar, there were sixty children. 10 children played tin pan alley, 25 children had their faces painted, 16 children went onto the bouncy castle and the rest of children took part in the punch board.

- a) Complete the tally chart below to show the information given above.

Activity	Tally	Number of children
Tin pan alley		
Face painting		
Bouncy castle		
Punch board		

- b) How many children took part in the ?

Answer: _____ **children**

- c) How many more children took part in the bouncy castle than in the tin pan alley?

Answer: _____ **children**

- d) What was the favourite activity at the bazaar?

Answer: _____

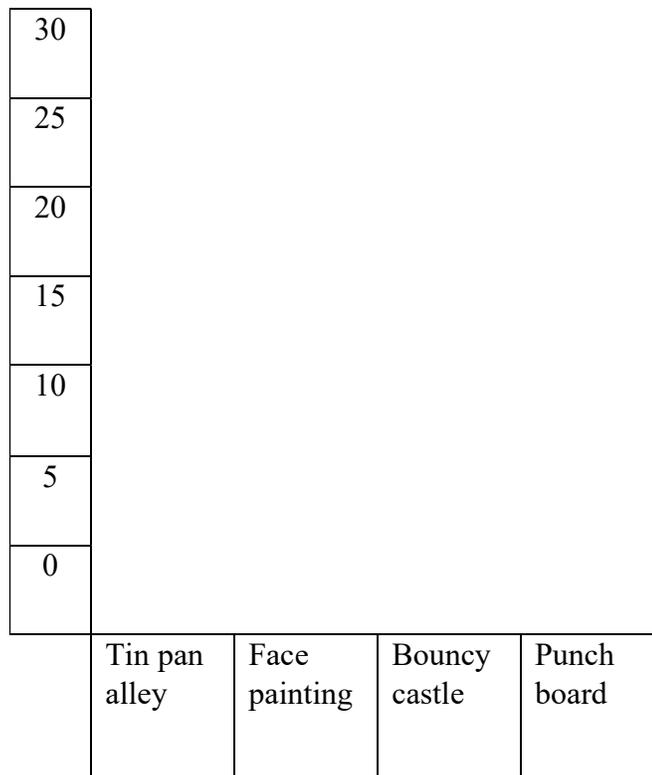
- e) In which activity did the least number of children participate?

Answer: _____

f) Why do you think that it was the favourite activity?

Answer: _____

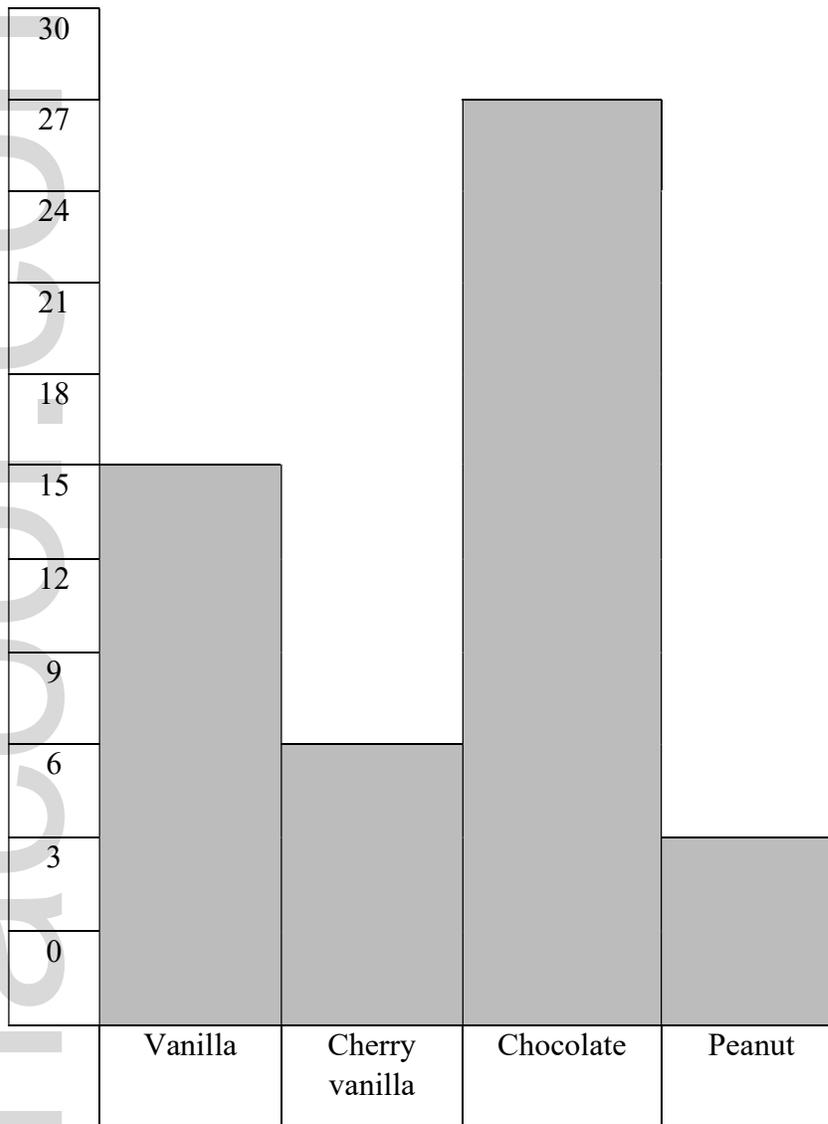
g) Complete the bar chart below to show the information in your tally chart above.



Be sure to label your bar graph properly.

2. Study the bar graph below then answer the questions that follow.

Children's Favourite Ice-Cream Flavour



The bar graph above shows Children's favourite ice cream flavours.

a. Which ice-cream flavour is most liked?

Answer: _____

b. Which ice-cream flavour is liked?

Answer: _____

c. How many children like cherry vanilla ice-cream?

Answer: _____ **children**

d. How many children like _____ ice-cream?

Answer: _____ **children**

e. How many children altogether like _____ ice-cream?

Answer: _____ **children**

f. How many more children like vanilla ice-cream than peanut ice-cream?

Answer: _____ **children**

g. Arrange the ice-cream flavours in _____ order from least liked.

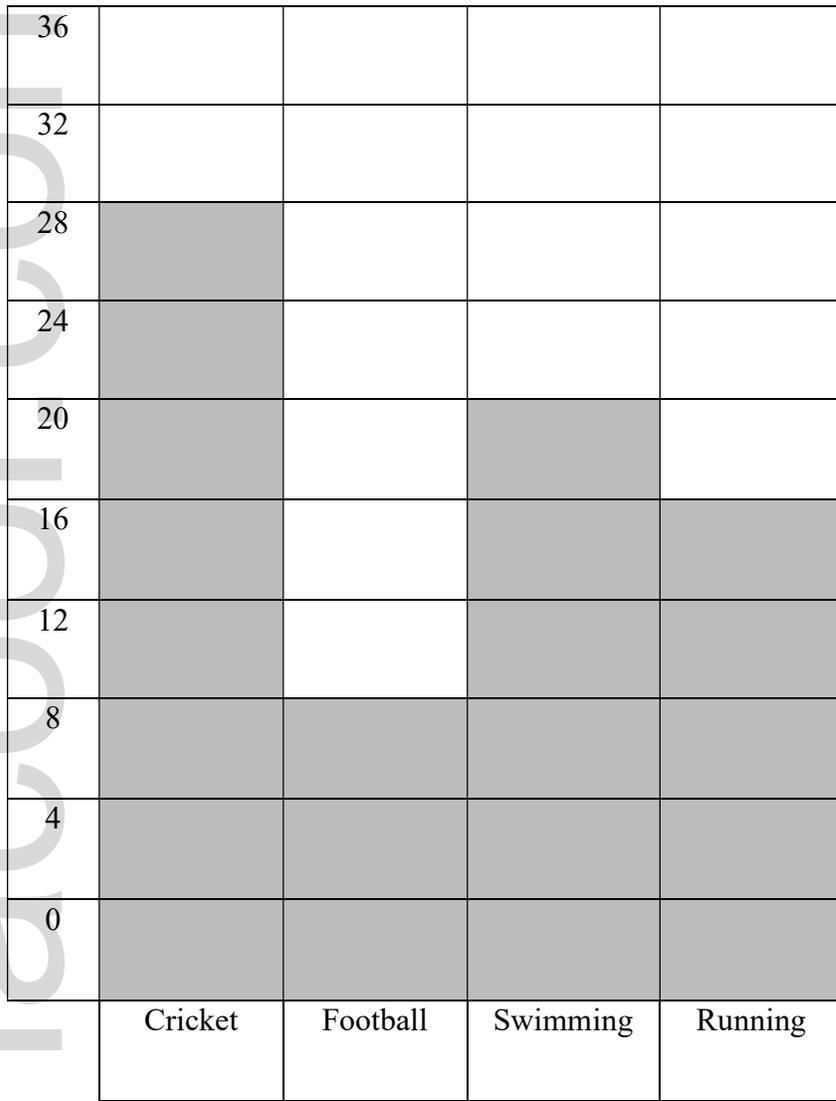
Answer: _____

h. If ice-cream is sold at \$8 per scoop and Ann paid for 5 two-scoop cones, how much did she pay in total?

Answer: _____

3. Study the block graph below then answer the questions that follow.

Students' Favourite Sports Clubs



a. What is the liked sport?

Answer: _____

b. Which is the least liked sport?

Answer: _____

c. The principal wants to invest more in one of the clubs. Which club should he invest in? Explain your answer.

Answer: _____

d. How many [redacted] students are there in the football club compared to the cricket club?

Answer: _____ **students**

At the end of January, ten more students joined the swimming club but then 3 of them left to join the football club.

e. How many students are there in the swimming club now?

Answer: _____ **students**

f. How many students are there in the [redacted] club now?

Answer: _____ **students**

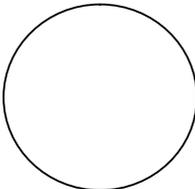
g. If the running club charges a fee of \$90 per month and they collected \$900 so far, how many more students still have to pay their fees?

Answer: _____ **students**

CHAPTER 8: MISCELLANEOUS EXERCISE 1

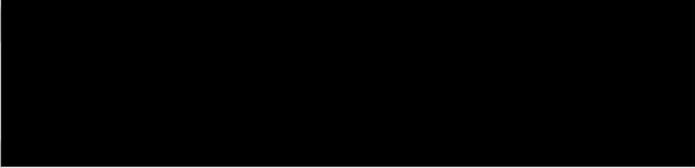
SECTION 1: NUMBERS

	QUESTIONS
1.	Write the words for the number: Answer: _____
2.	Write the number: Six thousand and twenty-nine. Answer: _____
3.	Complete the following: $5\ 834 = (5 \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) + (3 \times \underline{\quad}) + (4 \times 1)$
4.	Arrange the following numbers in order. 1 235 1 324 1 243 2 134 Answer: _____
5.	Write the value of the 3 in the number, Seventy-three thousand, four hundred and thirty six. Answer: _____
6.	Write any four-digit number in which there is a number 5 with the place value, hundreds. Answer: _____
7.	Solve the following: $16 + 9 = \square \times 5$ $\square = \underline{\quad}$
8.	Circle the in the pattern below: 125 100 80 50 25

9.	<p>Approximate:</p> <p>a. 3 429 (nearest 100) \approx _____</p> <p>b. [REDACTED] \approx _____</p> <p>c. 4 329 (nearest 10) \approx _____</p>
10.	<p>Mummy bought a circular cake for my birthday party. She sliced the cake into 8 slices.</p> <p>a. Divide the cake below to show how mummy sliced it.</p> <div style="text-align: center;">  </div> <p>b. If I ate 2 slices, Daddy ate 2 slices and Mummy ate 1 slice, what fraction of the cake will there be left?</p> <p>Answer: _____</p>

SECTION 2: GEOMETRY

QUESTIONS	
11.	<p>For Christmas, Shelly got a Toblerone chocolate that was shaped like the picture below.</p> <div style="text-align: center;">  </div> <p>a. What [REDACTED] does the chocolate resemble?</p> <p>Answer: _____</p>

	<p>b. It is a solid. Why is it a solid?</p> <p>Answer: _____</p> <p>_____</p> <p>c. Name the flat shapes that make up the solid.</p> <p>Answer: _____</p> <p>_____</p>
12.	<p>Mr. Bean wanted to reach a can of beans that he had stored on the topmost shelf of his pantry. However, he was too short and did not have a ladder. At the side of the kitchen, he had a triangular box, 3 rectangular boxes and a couple beach balls.</p>  <p>a. Which solid can Mr Bean use to help him reach the can of beans? Explain why you chose that one.</p> <p>Answer: _____</p> <p>_____</p> <p>b. Draw a picture to show how he should place the solids to reach the topmost shelf.</p>

SECTION 3: MEASUREMENT

QUESTIONS	
13.	<p>Line A shows the path taken by Larry to get to school while Line B shows the path taken by Timmy.</p> <p>Line A</p> <p>Line B</p> <p>a. Which boy walks the distance to school every day?</p> <p>Answer: _____</p> <p>b. Show how you got your answer.</p> <p>Answer: _____</p>
14.	<p>Draw a square with sides measuring 3 cm.</p>
15.	<p>If one bag of potatoes weighs , what will be the weight of 10 similar bags of potatoes?</p> <p>Answer: _____ kg</p>

16. Mummy started to cook lunch at [redacted] on Sunday morning. If she finished at half past 12, how much time did she spend cooking lunch?

Answer: _____

17. a. Write the time shown on the clock below.



Answer: _____

b. Look at the clock carefully.



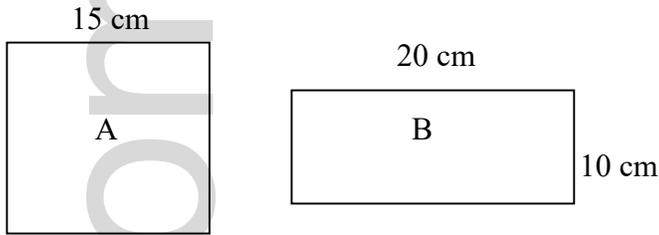
What time is the clock showing?

Answer: _____

c. There is something wrong on the clock. State what is wrong and show how you would fix it.

Answer: _____

18. Look at the two tiles below. Mummy wanted to choose the one that would use less to cover the bathroom floor.



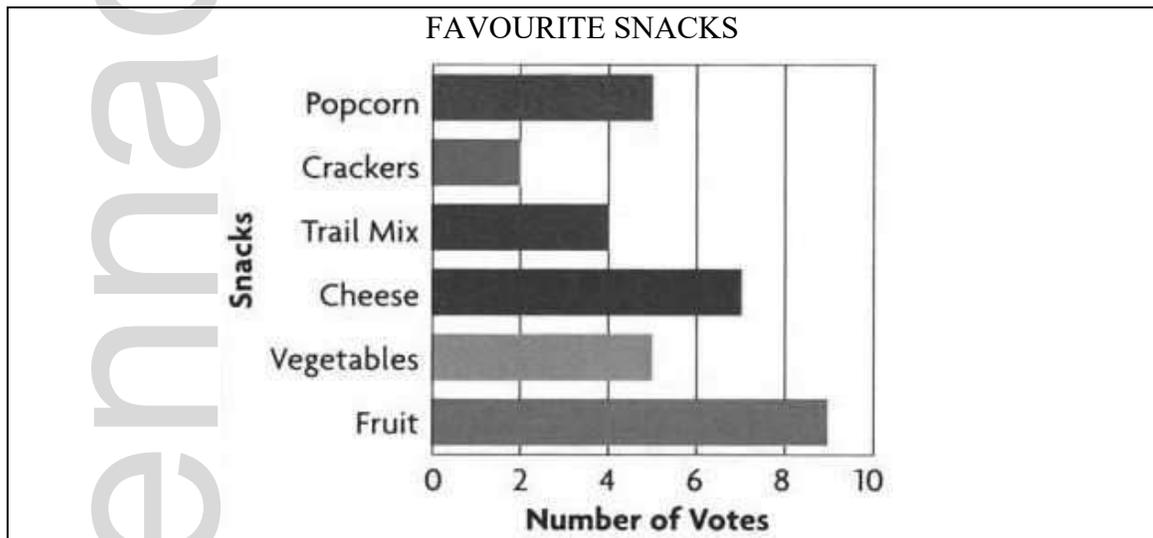
Which tile would cover the floor using ? Show how you got your answer.

Answer: _____

SECTION 4: STATISTICS

QUESTIONS

19. Study the bar graph below then answer the questions that follow.



a. Complete the tally chart that comes next.

Favourite Snacks

Snacks	Tally	Frequency

b. Which was the **■** favourite snack?

Answer: _____

c. Which two snacks were liked by the same number of people?

Answer: _____

d. How many more people like cheese than **■**?

Answer: _____ **people**

e. Why do you think the most favourite snack was fruit?

Answer: _____

f. How many people were asked to vote for their favourite snack?

Answer: _____ **people**

SECTION 5: PROBLEM SOLVING

QUESTIONS	
20.	<p>On Monday, a vendor sold bottles of water. On Tuesday, he sold 326 bottles of water and on Wednesday he sold 228 bottles of water.</p> <p>a. How many bottles of water did he sell altogether?</p> <p>Answer: _____ bottles</p> <p>b. Which day do you think was the coolest day of the week? Why do you say so?</p> <p>Answer: _____</p> <p>_____</p>
21.	<p>Maggie had and she got \$75 more from her grandmother. If she spent \$45.50 on a doll, how much money has Maggie left?</p> <p>Answer: _____</p>
22.	<p>A box has 25 pencils. How many pencils will there be in 35 boxes?</p> <p>Answer: _____ pencils</p>
23.	<p>Mummy baked 45 dozen cookies then placed them into bags of 4 cookies. How many bags will she get?</p> <p>Answer: _____ bags</p>
24.	<p>A vendor sells mangoes in heaps of and heaps of 12 for \$24. Which is the better offer? Why?</p> <p>Answer: _____</p> <p>_____</p>
25.	<p>A garden has 12 beds each made up of 12 rows of seedlings. If each row has 20 seedlings, how many seedlings are there in the garden in total?</p> <p>Answer: _____ seedlings</p>

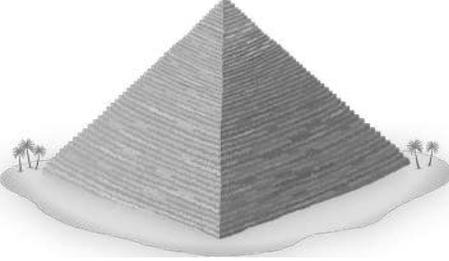
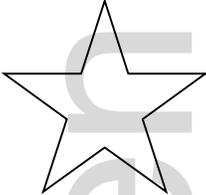
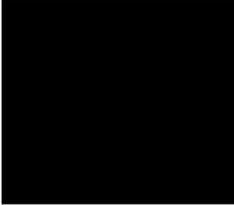
CHAPTER 9: MISCELLANEOUS EXERCISE 2

SECTION 1: NUMBERS

QUESTIONS	
1.	Write the words for the number: Answer: _____
2.	Write the number: Three thousand and twenty. Answer: _____
3.	Complete the following: $5\ 893 = (5 \times \text{ }) + (\text{ } \times \text{ }) + (9 \times \text{ }) + (3 \times 1)$
4.	Arrange the following numbers in order. 2 394 3 249 2 943 1 349 Answer: _____
5.	Write the value of the 4 in the number three thousand, four hundred and thirteen. Answer: _____
6.	Write the number that can be formed using the digits, 3, 9, 0, 1 Answer: _____
7.	Solve the following: a. $16 \times 20 = \square \times 5$ $\square =$ _____
	b. $100 \div 4 = 5 \times \square$ $\square =$ _____
	c. + 3 042 + 765 = 4 000 + \square $\square =$ _____

8.	<p>Complete the patterns below:</p> <p>a. 625, 605, 585, _____, 545, 525</p> <p>b. 1 010, 2 010, 3 010, _____, 5 010</p>
9.	<p>Approximate:</p> <p>a. 5 291 (nearest 100) \approx _____</p> <p>b. 4 387 (nearest 1000) \approx _____</p> <p>c. XXXXXXXXXX \approx _____</p>
10.	<p>a. What fraction of the pizza below did I eat?</p> <div style="text-align: center;">  </div> <p>Answer: _____</p> <p>b. If I ate another slice and Daddy ate 2 slices more, what fraction of the pizza will there be left?</p> <p>Answer: _____</p>

SECTION 2: GEOMETRY

QUESTIONS	
11.	<p>A very long time ago, the people of Egypt lived in buildings as seen below.</p>  <p>a. What shape was the building?</p> <p>Answer: _____</p> <p>b. Explain why you chose the answer above.</p> <p>Answer: _____</p> <p>_____</p> <p>c. Name the flat shapes that make up the solid.</p> <p>Answer: _____</p> <p>_____</p>
12.	<p>Draw the lines of symmetry in each of the following shapes.</p> <p>a. </p> <p>b. </p>

SECTION 3: MEASUREMENT

QUESTIONS	
13.	<p>Change the capacity of the following containers to ml.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>a. = _____ ml</p> </div> <div style="text-align: center;">  <p>b. $1\frac{1}{2}$ L = _____ ml</p> </div> </div>
14.	<p>Draw a rectangle with length 8 cm and a width that is half the length.</p>
15.	<p>If one bag of potatoes weigh , what will be the weight of 25 similar bags of potatoes?</p> <p>Answer: _____ kg</p>
16.	<p>Mummy started to cook lunch at 8 o'clock on Sunday morning. She stopped to change the gas tank at 9:15 then started again at half past nine. If she finished at half past 12, how much time did she spend cooking lunch?</p> <p>Answer: _____</p>

17. a. Look at the clock carefully.



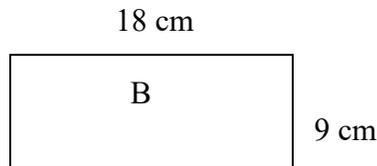
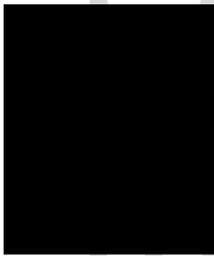
What time is the clock showing?

Answer: _____

b. School is dismissed at [REDACTED]. How much longer is it before school is dismissed?

Answer: _____

18. Look at the two tiles below. Mummy wanted to choose the one that would use less to cover the bathroom floor.



Which tile would cover the floor using less? Show how you got your answer.

Answer: _____

SECTION 4: STATISTICS

QUESTIONS

19. Study the information below then answer the questions that follow.
 A group of 35 children were asked about their favourite snacks. 5 said that they liked popcorn, 2 liked crackers, 4 liked cereal, 9 liked fruits, the same number as popcorn liked ice-cream and the rest liked nuts.

a. Use the information above to complete the tally chart below.

Favourite Snacks

Snacks	Tally	Frequency

b. Which was the least favourite snack?

Answer: _____

c. Which two snacks were liked by **1** people?

Answer: _____

d. How many more people like **4** than ice-cream?

Answer: _____ **people**

e. What fraction of the children liked ice-cream?

Answer: _____

f. How many people liked **9**? Show how you got your answer.

Answer: _____ **people**

SECTION 5: PROBLEM SOLVING

	QUESTIONS
20.	<p>On Monday, a vendor sold heads of lettuce. On Tuesday, he sold 129 and on Wednesday he sold 547 heads of lettuce.</p> <p>a. How many heads of lettuce did he sell altogether?</p> <p>Answer: _____ heads of lettuce</p> <p>b. How many more did he sell on Wednesday than on Tuesday?</p> <p>Answer: _____ heads of lettuce</p>
21.	<p>Mary had \$810.50 and she got \$2 000 more from her salary. If she spent \$345.50 on groceries, how much money has Mary left?</p> <p>Answer: _____</p>
22.	<p>a. A box has pencils. How many pencils will there be in 25 such boxes?</p> <p>Answer: _____ pencils</p> <p>b. If $\frac{5}{8}$ of the pencils are yellow and $\frac{3}{8}$ are blue, of which colour are there more pencils?</p> <p>Answer: _____</p>

23.	<p>Mummy baked 50 dozen cookies then placed them into bags of $\frac{1}{2}$ dozen cookies.</p> <p>a. How many bags will she get?</p> <p>Answer: _____ bags</p> <p>b. Of all the cookies Mummy baked, $\frac{1}{4}$ were vanilla and $\frac{3}{8}$ were chocolate. Of which flavour did Mummy make more?</p> <p>Answer: _____</p>
24.	<p>A vendor sells mangoes in heaps of 6 for \$20. If I paid with \$100 and got \$10 change, how many mangoes did I buy?</p> <p>Answer: _____ mangoes</p>
25.	<p>A garden has 25 beds each made up of $\frac{1}{2}$ rows of seedlings. If each row has 12 seedlings, how many seedlings are there in the garden in total?</p> <p>Answer: _____ seedlings</p>

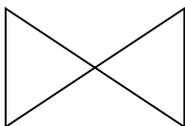
CHAPTER 10: MISCELLANEOUS EXERCISE 3

SECTION 1: NUMBERS

	QUESTIONS
1.	What is the place value of the ■ in 3 456? Answer: _____
2.	What is the value of the 5 in 3 456? Answer: _____
3.	By how much is the value of the 3 greater than the value of the 6 in 2 346? Answer: _____
4.	Arrange the following numbers in ■■■■■ order. 1 394 3 941 3 491 9 431 Answer: _____
5.	$\frac{3}{5} = \frac{9}{?}$ What does “?” represent? Answer: _____
6.	Write $2\frac{1}{3}$ as an improper fraction. Answer: _____
7.	A baker uses ■ eggs to make a cake. How many eggs will he use to make 9 similar cakes? Answer: _____
8.	■ $\div 4 = 10 + \square$ $\square =$ _____
9.	Complete the sequence: 27, 36, 45, 54, _____ Answer: _____

10.	Max has 1 ten-dollar bill, 1 twenty-dollar bill, 1 fifty-dollar bill, 2 twenty-five cents, a ten cent and a five cent. How much money has Max? Answer: _____
11.	A bag of sugar weighs ██████ . How much more sugar is needed to make 3 kg? Answer: _____ g
12.	In a class of 25 students, 6 like Maths, 7 like Science, 6 like Social Studies and the rest like Grammar. How many students like Grammar? Answer: ████ students
13.	In Mrs Chin's class $\frac{1}{3}$ of the students drank juice and ████ drank soft drink. Which drink was preferred by more students? Answer: _____
14.	Change the following mixed number to an improper fraction. $4\frac{1}{4} =$ _____
15.	Change the improper fraction to a mixed number: ████ Answer: _____

SECTION 2: GEOMETRY

QUESTIONS	
16.	How many lines of symmetry are there in the shape shown? <div style="text-align: center;">  </div> Answer: _____

17.	<p>Name the solids below.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>a) </p> <p>_____</p> </div> <div style="text-align: center;"> <p>b) </p> <p>_____</p> </div> </div> <p>c) State one difference between the two solids.</p> <p>Answer: _____</p> <p>_____</p>
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SECTION 3: MEASUREMENT

QUESTIONS	
18.	<p>Change the following accordingly.</p> <p>a. 8 km = _____ m</p> <p>b. $4\frac{1}{4}$ L = _____ ml</p> <p>c.  = _____ L</p> <p>d. 9 125 cm = _____ m</p> <p>e.  = _____ kg</p>
19.	<p>A rectangular field has a width of 9 m and a length that is twice the width. If Daddy walked three times around the field, what was the total distance that he walked?</p> <p>Answer: _____ m</p>

SECTION 4: STATISTICS

QUESTIONS

20. Study the information below then answer the questions that follow.

Children's Favourite Colours

Colours	Tally	Frequency
Red		12
Blue		20
Green		9
Yellow		5
Pink		
Total	_____	66

a. Complete the tally chart above.

b. Which was the favourite colour?

Answer: _____

c. Which two colours were liked by the same number of children?

Answer: _____

d. How many more children like red than green?

Answer: _____ **children**

e. How many children like ?

Answer: _____ **children**

SECTION 5: PROBLEM SOLVING

QUESTIONS	
21.	<p>In one day Factory A produces video games while Factory B produces 123 fewer games than Factory A.</p> <p>a. How many games does Factory B produce in 1 day?</p> <p>Answer: _____ games</p> <p>b. How many more video games are produced by Factory A than Factory B in 5 days?</p> <p>Answer: _____</p>
22.	<p>Mr. Lee wanted to place concrete pavers in his driveway. At the hardware, he saw two that he liked. The first one was square and cost \$8 for one. If he used those, he would have to buy 200. The second paver was hexagonal and cost \$10 for one. If he used those, he would have to buy 150. Which one would you advise Mr Lee to buy? Explain your answer.</p> <p>Answer: _____</p> <p>_____</p>
23.	<p>Max was having a dinner party so he ordered pizza for everyone at the party. He ordered 8 pizzas each cut into 12 slices and 1 pizza cut into 4 slices. If everyone at the party got 3 slices of pizza and there was one slice left over, how many people were there at the party?</p> <p>Answer: _____ people</p>
24.	<p>Dr. Harry works at the hospital from Monday to Friday every week from 10 am to 10 pm. If he works for per hour from Monday to Friday, what is his weekly salary?</p> <p>Answer: _____</p>
25.	<p>Bananas are sold at \$8. per kg while apples are sold at 5 for \$20. Mummy bought 3 kg of bananas and some apples. Altogether she spent \$84. How many apples did Mummy buy?</p> <p>Answer: _____ apples</p>

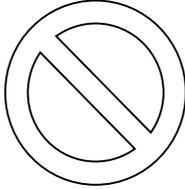
CHAPTER 11: MISCELLANEOUS EXERCISE 4

SECTION 1: NUMBERS

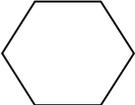
	QUESTIONS
1.	Write the number: Five hundred and twenty-nine dollars and thirty-three cents. Answer: _____
2.	Write in expanded notation: ■ Answer: _____
3.	Write the reduced form of each fraction given: a) $\frac{12}{24} = \frac{\quad}{\quad}$ b) ■ = $\frac{\quad}{\quad}$
4.	Arrange the following numbers in ascending order. 9 087 8 970 9 870 9 708 Answer: _____
5.	Dee-Dee had 550 stickers. She gave $\frac{2}{5}$ to her friend, Anna and $\frac{1}{3}$ to her other friend, Ellie. What fraction of her stickers has Dee-Dee left? Answer: _____
6.	Write $\frac{36}{5}$ as a ■ . Answer: _____
7.	Add together: 215 and 8 456 Answer: _____
8.	Approximate ■ to the nearest ten. Answer: _____
9.	A baker uses 6 eggs to make a cake. How many cakes did he make if he used $4\frac{1}{2}$ dozen eggs? Answer: _____ cakes

10.	In the year 2014, Lee was 3 years older than Kim who was a year younger than Annie. If Annie was born in 1989, how old were Annie, Lee and Kim? Answer: _____
11.	A child spent $\frac{1}{4}$ of his allowance on a movie and $\frac{1}{3}$ on school supplies. On which item did he spend more money? Answer: _____
12.	When 30 is added to a number, A, the result is 100. What is the number A? Answer: _____
13.	Calculate the product of 58 and $\frac{1}{2}$. Answer: _____
14.	Carla gave her brother 35 stickers and remained with 189. How many stickers had Carla at first? Answer: _____ stickers
15.	A whole pizza has 8 slices. How many slices will there be in $5\frac{1}{4}$ pizzas? Answer: _____ slices

SECTION 2: GEOMETRY

QUESTIONS	
16.	<p>a. How many lines of symmetry are there in the shape shown?</p> <div style="text-align: center;">  </div> <p>Answer: _____</p> <p>b. Draw them on the diagram.</p>

17. a. Look at the polygon shown.
Name the polygon.



Answer: _____

b. If the polygon has a perimeter of **■**, what is the length of one side?

Answer: _____ **cm**

SECTION 3: MEASUREMENT

	QUESTIONS
18.	<p>Fred got up at 6:25 am, he got dressed and left home at 7:50 am to go to school. If he took twenty minutes to get to school, at what time did Fred arrive at school?</p> <p>Answer: _____</p>
19.	<p>a. A pack of juice can hold ■. how many litres of juice does the pack hold?</p> <p>Answer: _____</p> <p>b. If the juice is poured into smaller glasses holding 250 ml, how many glasses of juice will we get?</p> <p>Answer: _____</p>

SECTION 4: STATISTICS

	QUESTIONS															
20.	<p>Study the information below then answer the questions that follow. 25 children were asked their favourite ice-cream flavours. 4 liked vanilla while 11 liked chocolate and the rest liked strawberry.</p> <p>a. Complete the tally chart below to show the information above.</p> <p style="text-align: center;">Children's Favourite Ice-Cream Flavours</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Flavours</th> <th style="width: 33%;">Tally</th> <th style="width: 33%;">Frequency</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: center;">Total</td> <td> </td> <td> </td> </tr> </tbody> </table>	Flavours	Tally	Frequency										Total		
Flavours	Tally	Frequency														
Total																

	<p>b. Which was the least favourite flavour?</p> <p>Answer: _____</p> <p>c. How many children liked [REDACTED] ice-cream?</p> <p>Answer: _____ children</p> <p>d. What fraction of the children liked strawberry ice-cream?</p> <p>Answer: _____</p>
--	---

SECTION 5: PROBLEM SOLVING

	QUESTIONS
21.	<p>On a cruise ship, there are [REDACTED] men and 418 women. If the ship has an emergency, the lifeboats can only hold 30 people at a time. If there was an emergency on the ship, how many lifeboats would be needed to get the passengers to safety?</p> <p>Answer: _____ lifeboats</p>
22.	<p>Vendor A and Vendor B each paid [REDACTED] for a bag of plums containing 1000 plums. Vendor A packed the plums into bags of 50 and sold each bag for \$10 while Vendor B packed his plums into bags of 40 and sold each bag for \$10.</p> <p>a. Which vendor had the better deal?</p> <p>Answer: _____</p> <p>b. How much money did each vendor make?</p> <p>Vendor 1: _____</p> <p>Vendor 2: _____</p>

23. In a game of “Go Fish”, the table shows the points that can be earned for each type of fish caught.

Type of fish	Points
koi	■
fighters	5
guppies	2

a) Kevin caught 2 fighters and 1 guppy. How many points did he earn?

Answer: _____ **points**

b) Maria caught 1 koi, 3 fighters and some guppies. If she earned 37 points in total, how many guppies did Maria catch?

Answer: _____ **guppies**

c) If Kevin wants to make the same score as Maria, how many more fighters must he catch?

Answer: _____ **fighters**

24. There are 600 students at a school. To get to school, 102 take the bus, 215 take maxi-taxis, 172 are dropped off by parents while the rest walk to school. How many students walk to school?

Answer: _____ **students**

25. a. A plumber bought two pieces of pipe. One piece was ■ long while the other was $2\frac{3}{4}$ m long. How much longer was the first piece than the second piece?

Answer: _____ **m**

b. If he paid with \$200 and got back \$26 change, how much did the plumber pay for the two pieces of pipe altogether?

Answer: _____

CHAPTER 12: MISCELLANEOUS EXERCISE 5

SECTION 1: NUMBERS

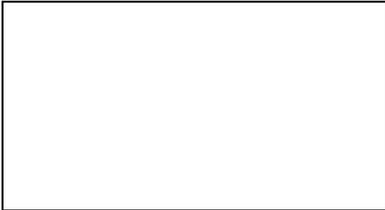
	QUESTIONS
1.	Calculate $1\,996 - 694$ Answer: _____
2.	One starfish has 5 arms. How many arms will 26 starfishes have? Answer: _____ arms
3.	Arrange from largest to smallest: $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{6}$, $\frac{1}{12}$ Answer: _____
4.	Jamie divided an orange into 12 slices. She gave $\frac{3}{4}$ to her friend. How many slices did Jamie give to her friend? Answer: _____ slices
5.	Mummy wants to buy a new microwave. The cash price is \$520 but she can also get it if she pays \$300 this month and \$300 next month. Which is the better deal for mummy? Answer: _____
6.	How many 25-cent coins will I get if I change a five-dollar bill into 25-cent pieces? Answer: _____
7.	Ron has 12 marbles while Scott has half the number of marbles as Ron. How many marbles do they have altogether? Answer: _____ marbles
8.	When 8 is subtracted from a number then the answer divided by 4, the final result is 8. What is the number? Answer: _____

9.	<p>Mary eats 8 plums each day. How many plums will she eat in 3 weeks?</p> <p>Answer: _____ plums</p>
10.	<p>Sam planted █ heads of cabbage. Don planted 98 more than Sam and 49 more than Linda. How many heads of cabbage did Linda plant?</p> <p>Answer: _____ cabbages</p>
11.	<p>At a customer appreciation day, every tenth customer was given a prize. If 123 customers entered within the first hour, how many prizes were given out?</p> <p>Answer: _____ prizes</p>
12.	<p>When 30 is added to a number, A, then the answer divided by 2 the result is 50. What is the number A?</p> <p>Answer: _____</p>
13.	<p>Share █ stickers among 4 children. How many stickers will each child receive?</p> <p>Answer: _____ stickers</p>
14.	<p>Look at the pattern below. Each number is formed by removing 1 digit from the number before it. What will be the missing number?</p> <p>57896 5786 576 _____</p> <p>Answer: _____</p>
15.	<p>A football costs █ while a cricket ball costs \$72.50. How much more does the football cost?</p> <p>Answer: _____</p>

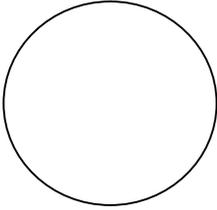
SECTION 2: GEOMETRY

QUESTIONS	
16.	<p>A hexagonal patio has a perimeter of \blacksquare. What is the length of one side of the patio?</p> <p>Answer: _____</p>
17.	<p>a. Look at the polygon shown. Name the polygon.</p> <p>Answer: _____ </p> <p>b. If the polygon has a perimeter of 105 cm, what is the length of one side?</p> <p>Answer: _____ cm</p> <p>c. Based on your answer above, would you say that the polygon is a regular or irregular polygon? Explain your answer.</p> <p>Answer: _____</p> <p>_____</p> <p>_____</p>

SECTION 3: MEASUREMENT

QUESTIONS	
18.	<p style="text-align: center;">L cm</p> <div style="text-align: center;"></div> <p>The breadth of the rectangle above is 4 cm and the length is Lcm. If the length is twice the breadth, calculate the area of the rectangle.</p> <p>Answer: _____ cm²</p>

19. a. Ellie awoke at quarter past seven. Complete the analogue clock to show the time that Ellie awoke.



b. School starts at . Ellie arrived 45 minutes late. At what time did Ellie arrive at school?

Answer: _____

SECTION 4: STATISTICS

QUESTIONS

20. Study the block graph below then answer the questions that follow.
Students' Favourite Subjects

18				
16				
14				
12				
10				
8				
6				
4				
2				
0				
	Maths	Grammar	Science	Reading

23.	<p>Mark makes outfits (jerseys and pants) for a football team. Mark uses $\frac{1}{2}$ m of cloth to make 1 jersey and $\frac{1}{4}$ m to make one pair of pants.</p> <p>a. How much material, in cm, is needed to make 1 outfit?</p> <p>Answer: _____ cm</p> <p>b. How much material, in m, will be needed to make 4 outfits for the team?</p> <p>Answer: _____ m</p>
24.	<p>A restaurant can seat 80 persons. It has tables that seat either 2 or 4 persons. If there are 16 tables that seat 4 persons, how many tables are there that seat 2 persons?</p> <p>Answer: _____ tables</p>
25.	<p>A cinema has 120 seats.</p> <p>a. If $\frac{1}{2}$ of the seats are empty, how many people are in the cinema?</p> <p>Answer: _____ people</p> <p>b. The cost of a ticket is \$20. How much money did the cinema make from that movie?</p> <p>Answer: _____</p>

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SECTION 2

LANGUAGE ARTS

CHAPTER 1: NOUNS

A) **Underline the nouns in each sentence below, then use them to complete the table that follows.**

e.g. The boy ran across the Queen's Park Savannah.

- 1) The [redacted] rang loudly through the silence making us all jump.
- 2) Mummy went to the Tunapuna Market to buy vegetables and provision.
- 3) There was an [redacted] hovering over the [redacted].
- 4) The heavy rains made it difficult to get to the Gulf City Mall.
- 5) [redacted] and [redacted] worked together to complete their [redacted].

Common Nouns	Proper Nouns
<u>boy</u>	<u>Queen's Park Savannah</u>

B) **Underline the abstract nouns in each sentence below.**

e.g. There was silence as the judges announced the winner of the competition.

- 6) The man pounded his fists on the table as his anger intensified.
- 7) The girl's [redacted] was a refreshing change for everyone.
- 8) Mary and her sister showed their bravery when they tried to help the sick puppy.

C) **Write a suitable collective noun in the blank spaces to complete each sentence.**

e.g. Our picnic was invaded by an army of ants.

- 9) The _____ of vehicles lined the road as the parade moved on.
- 10) There was a _____ of [redacted] on the light pole.
- 11) Daddy bought mummy a _____ of flowers for her birthday.
- 12) The _____ of [redacted] was on sale.
- 13) A _____ of [redacted] cards has fifty-two cards in all.

D) Use the opposite gender of the nouns in the brackets to fill each blank space.
e.g. **Daddy** went to the supermarket to get sugar and rice. (Mummy)

- 14) The _____ of England once ruled over Trinidad and Tobago. ()
- 15) A _____ usually protects her babies from predators. (drake)
- 16) The _____ of the story is almost always the good guy. (heroine)
- 17) Miss was a raging _____ when she heard us making noise. ()

E) Write the correct form of the nouns in brackets on the blank spaces to complete each sentence below.

e.g. There were many fishes swimming around the corals. (fish)

- 18) A couple of _____ rolled off the table and fell onto the ground. (tomato)
- 19) The _____ were all running through the muddy puddle. ()
- 20) The magazine rack was next to the _____. (couch)
- 21) The chef had many _____ on his cutting board. ()
- 22) Santa's sleigh is pulled by his _____. (reindeer)

F) Rewrite each sentence below using the possessive form of the underlined nouns.

e.g. There were many adults at the show for children.

There were many adults at the children's show.

- 23) The _____ were scattered across the floor.

- 24) Jane kept a close eye on _____ after he went to the washroom.

- 25) The tail of the cat caught fire when it jumped onto the table by the lit candle.

CHAPTER 2: PRONOUNS AND PUNCTUATION

A) Underline the correct pronoun from the brackets to complete each sentence below.

e.g. Mummy and (I, me) went shopping at the mall.

- 1) (She , Her) is going to eat lunch.
- 2) () like to play in the savannah.
- 3) The dog is barking. (He , It) can see the cat in the tree.
- 4) Mary and () have not done any home work.
- 5) (They , Them) want to see the movie at the theatre.

B) Write the correct pronoun from the brackets to complete each sentence below.

e.g. The lazy cat jumped onto its warm bed. (her , its)

- 6) Max was playing with _____ toy car. ()
- 7) That book is _____. (my , mine)
- 8) I think that the pen on the table is _____. (your , yours)
- 9) My dog ran around _____ bowl before eating the food. ()
- 10) Those bags are _____. They belong to them. (their , theirs)

C) Write the correct reflexive pronoun to fill each blank space.

e.g. I, myself, really like to read a good book.

- 11) () love to go to the beach by _____.
- 12) () completed the project all by _____.
- 13) Ms. Singh went to mall by _____.
- 14) The snake wound _____ into a coil around the tree trunk.
- 15) () need to get _____ a new pencil to finish your work.

D) Underline the correct pronoun from the brackets to complete each sentence below.
e.g. Mummy and (I, me) went shopping at the mall.

- 16) Dan and Tom wanted to play with (him, her).
- 17) Mummy said that I had to give (she, her) my teddy bear to wash.
- 18) Our teacher gave (we, us) a pop quiz on fractions yesterday.
- 19) The doctor wanted (me, I) to stand on the scale to get my weight.
- 20) The ruler is mine. Please give (its, it) to me.

E) Use the most appropriate pronoun from the box to complete each sentence below.

that	who	_____	when	whose	_____
------	-----	-------	------	-------	-------

e.g. I am singing a song that my teacher taught me at school.

- 21) These are the green shoes _____ I bought to match my dress for the party.
- 22) There is the dog _____ likes to bark at me every time I pass by him.
- 23) Do you know _____ car is at the gate?

F) Insert the missing punctuation in each sentence below.

e.g. There's a lot of sand in the yard.

- 24) Mummy had a book a pen and a clipboard in her hand.
- 25) Mary s shoes was sparkly and red.

CHAPTER 3: VERBS AND PUNCTUATION

A) Underline all the verbs in the following paragraph. The first one has been done for you.

Last Sunday, my family and I decided to go to the beach. Mummy a lovely lunch for us while daddy all of our stuff into the car. My sister and I all of our beach toys and jumped into the car. When everyone was ready, we all set off for the beach.

B) Complete the table below.

Present Tense	Past Tense	Past Participle
e.g. Sing	Sang	Sung
1) Cut		
2) <input type="text"/>		
3) Pass		
4) <input type="text"/>		
5) Go		

C) Write the past continuous tense of the verbs in brackets to complete each sentence.

e.g. Max was playing in the backyard when the phone rang. (play)

- 6) The intense sunlight _____ up the galvanised roof. ()
- 7) Mary and her friends _____ as a group in the Talent Show. (perform)
- 8) The water _____ rapidly over the high flame. (boil)
- 9) The herd of cattle _____ in the field. ()
- 10) Everyone in the class _____ their fingers in time with the song. (snap)

D) Underline the correct verb from the brackets to complete each sentence.
e.g. Mary and Jane (walks , walk) to school every day.

- 11) The gaggle of geese () anyone who goes near their babies.
- 12) After the storm, the raging water (was , were) filled with garbage and debris.
- 13) Tom and Max always () the poem with such emotion.
- 14) Daddy, along with his friends, (is , are) having a cookout in the backyard.
- 15) The principal, teachers and students () singing during assembly.
- 16) That computer (uses , use) Windows 10 as its software.
- 17) One of the children () to throw garbage onto the floor.
- 18) Each of the girls (has , have) her own picture on the project.
- 19) Not one of the children () his chores properly.
- 20) Mummy and Daddy (goes , go) to dinner very regularly.

E) Insert the missing punctuation in each sentence below.
e.g. There's a lot of sand in the yard.

- 21) There are womens clothing in the bag at the side of the room.
- 22) The boys team won the cricket match.
- 23) Stop doing that
- 24) Why are you taking that spoon with you
- 25) Jane bought: rice tomatoes and oil at the grocery store.

CHAPTER 4: TYPES OF SENTENCES, NEGATIVE SENTENCES, SENTENCE ANALYSIS

A) State the correct type of each sentence shown.

e.g. **Mummy and I love to bake cookies together.** Declarative

- 1) Where is the school located? _____
- 2) Water exists in three different states. _____
- 3) Stop writing at once. _____
- 4) Wowee! _____
- 5) I love you! _____

B) Change the following to negative sentences.

e.g. **Max is going to bed early.**

Max is not going to bed early.

- 6) Dan and James ████ sailing along the ocean in their boat.

- 7) Today is going to be a very hot day.

- 8) Why ████ you done your chores?

- 9) The dog barked at the intruder.

- 10) The baby boy ████ walking without his mother's help.

C) Underline the subject in each sentence given below.

e.g. The birds were flying high above the clouds.

- 11) [redacted] were cleaning the windows with soapy water.
- 12) A school of fish was swimming near the surface of the water.
- 13) At the office, [redacted] tried to copy his important documents.
- 14) Next to the tree, a baby bird lay calling out to its mummy.
- 15) [redacted] searched the entire forest for the poisonous tree-frog.

D) Underline the object in each sentence below.

e.g. The birds were pecking the popcorn on the ground.

- 16) Daddy asked the [redacted] for help.
- 17) You can speak a new language by listening to it every day.
- 18) The scientists invented the first vaccine for Covid-19.
- 19) Mary likes to play [redacted] on her iPad every time she gets a chance.
- 20) The careless man lost his [redacted] at the airport.

E) State whether the underlined part of the sentence is the subject or object.

- 21) Max and James ran toward the finish line together. _____
- 22) The doctor told [redacted] to stand on the scale. _____
- 23) We ate pizza for dinner last night. _____
- 24) [redacted] chased the cat across the road. _____
- 25) A tablet is a device that works just as well as a computer. _____

CHAPTER 5: ADJECTIVES

A) Write the adjectives in each sentence on the lines provided.

e.g. The tall, green grass swayed gently in the light breeze. Tall, green, light

1) A [redacted] cobra was protecting its eggs in a nest of [redacted] leaves.

2) The [redacted] rays of sunlight filtered through the [redacted] leaves of the trees.

3) Mummy bought a gorgeous, red handbag to go with her exquisite, black dress.

4) Mary has a cute jacket with four deep pockets.

5) The [redacted] crowd of protesters walked down the [redacted] street with placards.

B) Underline the correct word from the brackets to complete each sentence below.

e.g. That is (mine my) dog.

6) Did you do ([redacted]) home-work?

7) The cat flicked (his its) tail from side to side.

8) Those are (theirs their) books over by the tree.

9) Mary took ([redacted]) book with her to the beach.

10) The baby boy threw (his its) toy at the cat.

C) Complete the table below.

	Positive Degree	Comparative Degree	Superlative Degree
e.g.	big	bigger	biggest
11)	■		
12)	happy		
13)	■		
14)	intelligent		
15)	■		
16)	many		

D) Write the correct form of the adjectives in brackets to complete each sentence.

e.g. Mary is the tallest girl in the entire class. (TALL)

- 17) This orange is _____ than that one. (■)
- 18) Mrs. Smith is a very _____ woman. (GENEROUS)
- 19) I think that green apples are _____ than red apples. (■)
- 20) My bed uses the _____ bed sheets in the entire store. (WIDE)
- 21) Mummy has the _____ skin in the world. (■)
- 22) The turtle was _____ than the hare because he used his intelligence to outsmart him. (FAST)
- 23) My pencil is very _____. (■)
- 24) The puppy was the _____ behaved in the litter. (BAD)
- 25) Peanut ice-cream was the _____ liked flavour. (■)

CHAPTER 6: ADVERBS

A) **Underline the adverbs in the sentences below.**

e.g. The brown bear looked angrily at us as it approached.

- 1) Max fell [redacted] in love with the cute puppy.
- 2) The large slab of concrete fell heavily to the ground during the earthquake.
- 3) Miss told us to check our work thoroughly before submitting it.
- 4) The kitchen fire was [redacted] handled by daddy because he was a fireman.
- 5) The lion greedily wolfed down the carcass of the antelope.

B) **Complete the table below.**

	Positive Degree	Comparative Degree	Superlative Degree
e.g.	early	earlier	earliest
6)	carefully		
7)	[redacted]		
8)	slowly		
9)	quickly		
10)	[redacted]		
11)	well		
12)	[redacted]		

C) Write the correct form of the adverbs in brackets to complete each sentence below.
e.g. Annie arrived earlier than all of her friends. (EARLY)

- 13) Tom smiled _____ when he realized that he had failed his exam. ()
- 14) Mary finished her chores _____ than I did. (QUICKLY)
- 15) The old man acted _____ than Scrooge. ()
- 16) The alarm blared _____ as we tried to disengage it. (LOUDLY)
- 17) The sumo wrestler stomped _____ on the floor. ()
- 18) Timmy pecked at his food _____ than his brother. (GENTLY)

D) Underline the adverbs in the sentences below.
e.g. The cat ran below the table to escape the dog.

- 19) Mary is frequently late for school.
- 20) Independence Day is celebrated _____ in Trinidad and Tobago.
- 21) Mummy told us that we should always brush our teeth at bedtime.
- 22) The firemen _____ responded to our distress call.
- 23) Daddy patiently waited for the traffic to clear up before going home.
- 24) The flock of birds flew _____ above the ocean in a dramatic formation.
- 25) The explorer boldly went where no man had ever gone before.

CHAPTER 7: PREPOSITIONS AND CONJUNCTIONS

A) Underline the prepositions in the sentences below.

e.g. We walked around the puddle of muddy water.

- 1) Shelly walked ■ the stairs to get to the second floor.
- 2) Mummy told me to look under my bed for the missing sock.
- 3) Jack be nimble, Jack be quick, Jack jumped ■ the candle stick.
- 4) The lazy cat got stuck beneath the couch.
- 5) Max threw the ball ■ the field ■ the other side.
- 6) My pencil fell between my desk and my friend's.

B) Choose a preposition from the box to complete each sentence below.

across	to	■	beneath	■	under	through	against	■
--------	----	---	---------	---	-------	---------	---------	---

e.g. The scared hiker walked with his back against the mountainside.

- 7) Mary leaned _____ the wall when she started to feel dizzy.
- 8) The criminal was told to put his hands _____ his head.
- 9) Everyone screamed as the roller coaster went _____ the dark tunnel.
- 10) Mummy and I walked _____ the store yesterday.
- 11) There wasn't enough ribbon to go _____ the entire gift.
- 12) The stealthy cat crept _____ the unsuspecting bird.

C) Underline the conjunctions in the sentences below.

e.g. Mary likes chocolate cake and vanilla ice-cream.

- 13) Do you want fries ■ potato salad?
- 14) The crowd waited a long time but the bus did not arrive.
- 15) Our teacher gave us a few more minutes ■ we could finish our test.
- 16) Jane was tired, yet she did not want to sleep.
- 17) The boy likes to read ■ play games on his iPad.
- 18) Mummy does not like cats nor does she like dogs.

D) Join the sentences given to make one, using an appropriate conjunction to help.
e.g. **Mary likes to bake. Her brother likes to eat.**

Mary likes to bake but her brother likes to eat.

19) The house is very small. The house feels very spacious.

20) Daddy was driving very fast. He missed the turn to the mall.

21) I am allergic to dogs. I love to play with them so much. They are so cute.

22) Max failed to study for the test. He failed the test miserably.

23) Mummy washed the bed sheets with bleach. She could not get them clean. She got very angry.

24) Daddy told us to stay by the car. He told us to wait for him. We did not listen. He got very angry with us.

25) The glass plate fell to the ground. It did not shatter.

CHAPTER 8: MISCELLANEOUS EXERCISE 1

A) Underline one noun in each sentence.

e.g. The dogs were running along the street.

- 1) Her [] was the [] of hard [].
- 2) Some students feel great anxiety of days of exams.
- 3) [] showed great [] when he completed the difficult [].

B) Insert the most appropriate collective noun in each blank space of every sentence.

e.g. The staff of teachers had an emergency meeting in the office.

- 4) The gardener cut a [] of [] yesterday.
- 5) The members of the football [] practised every day.
- 6) The farmer had a [] of cattle grazing in the field.

C) Write the correct form of the “self” pronoun on the blank spaces to complete each sentence.

e.g. We tried to get the job done by ourselves.

- 7) After several attempts, [] completed the job by [].
- 8) Mary made all the cookies by [].
- 9) [], [], were upset by the impolite patient.

D) On the blank spaces, write the correct form of the verbs in brackets to complete the sentence.

e.g. Mary and John jumped on the bed after Mummy told them about it. (jump)

- 10) She [] to her sister in Tobago last week. ([])
- 11) The children were [] in the rain. (play)
- 12) The show was [] on all television stations. ([])
- 13) The chef [] all his vegetables the night before. (cut)
- 14) We [] the mall next weekend to do our Christmas shopping. (visit)

E) Underline one adjective in each sentence.

e.g. The colourful parrot flew across the blue sky.

- 15) The students sometimes borrow books from the library.
- 16) Football is now a very popular sport around the world.
- 17) The children attended the Christmas party at the plaza.

F) FACTUAL PASSAGE

Read the passage, then answer the questions that follow.

Water, unlike other substances on earth, may be found existing naturally in three states – solid, liquid and gaseous. Water covers approximately 70% of the earth’s surface which is almost three-quarters of the earth. It is found in streams, rivers, lakes and oceans. Animals including man, feed on either animals or plants but must have water if they are to survive. Plants, eaten by animals, also need water to survive.

Changes in the temperature of water result in water changing from one form to another. Solar energy, which comes from the sun, causes water from the earth’s surface to change into water vapour. If the temperature of the earth drops to zero degrees celsius, water on the earth’s surface freezes to become ice. When the temperature rises to one hundred degrees celsius, water boils and is changed to water vapour or steam.

18) State the three forms in which exists.

19) According to the writer, what is the importance of water?

20) Why do you think plants also need water to survive?

21) Give a word or phrase from the passage that means the same as:

- a) - _____
- b) - _____

22a) According to the writer, solar energy causes water to change into water vapour. Why does solar energy cause water to change into water vapour?

22b) How is this change in the form of water useful to humans?

G) POETRY

Read the poem, carefully then answer the questions that follow.

All Things Bright and Beautiful Cecil Frances Alexander	
<p>All things bright and beautiful, All creatures great and small, All things wise and wonderful, The Lord God made them all.</p> <p>Each little flower that opens, Each little bird that sings, He made their glowing colors, He made their tiny wings.</p> <p>The purple-headed mountain, The river running by, The sunset, and the morning, That brightens up the sky;</p> <p>He gave us eyes to see them, And lips that we might tell, How great is God Almighty, Who has made all things well.</p>	  

23) Who is the poet?

24) What is the of the poem?

25) State a pair of [redacted] from the first stanza of the poem.

26) What do you think makes the mountain “a purple-headed mountain”?

27a) According to the poet, God made each little flower that opens. Does that mean that God did not make the flowers that don't open?

27b) Explain your answer above.

H) GRAPHIC REPRESENTATION

Study the television guide below, then answer the questions that follow.

Channel 18		Channel 12	
p.m.		p.m.	
4:00	Sports Highlights	4:00	Cooking with Mama
5:00	Soccer Kingdom	5:00	Baby and Me
6:00	Sports Talk	6:00	Muppet Babies
7:00	Evening News	6:30	Mickey Mouse Clubhouse
8:00	World Sports	7:00	News
9:00	Wrestling Fever	8:00	Life with Baby
10:00	Today's News in Review	9:00	Movie – Boss Baby
11:00	Movie – Bend it like Beckham	12:00	Sign Off
12:00	Sign Off		

28) State three pieces of information that a person can obtain from the television guides.

- i. _____
- ii. _____
- iii. _____

29a) Which channel do you think your ████ would prefer to watch?

29b) Explain why.

30) What does the term, ██████████ mean?

CHAPTER 9: MISCELLANEOUS EXERCISE 2

A) Write the correct word from the brackets.

e.g. The students eat their lunch in the savannah every day. (eat , eats)

- 1) The team members _____ the tennis court before the game. (clean , cleans)
- 2) A box of crayons _____ left in the classroom. (was , were)
- 3) Ronald, together with his parents, _____ England each vacation. ()

B) Underline one adverb in each sentence.

e.g. Mary is frequently late for school.

- 4) She put the bag there and left.
- 5) _____, he would visit his grandmother during the holidays.
- 6) Mary lives _____ closer to the new post office than to the school.
- 7) I think that I have seen you somewhere before.

C) Use a suitable conjunction from the list to complete each sentence.

and	_____	because	_____	since	for
-----	-------	---------	-------	-------	-----

e.g. Mummy went to the grocery because she had to buy potatoes.

- 8) Aunt Jean went to the store _____ bought fish.
- 9) Mary likes to play volleyball _____ she dislikes cricket.
- 10) He worked late at night _____ his friends were having fun.
- 11) We have not visited the museum _____ the year before last.

D) Write the correct form of the words in capital letters.

e.g. AMAZE Mary was amazed by the fireworks display.

- 12) REST The _____ dog knocked over the plant pot.
- 13) _____ That _____ problem was very difficult.
- 14) LAZY Our cat likes to _____ around on any comfortable chair.
- 15) _____ Mummy demanded an _____ for the mess in the kitchen.

E) Rewrite the following as negative sentences.

e.g. **Mary went to the mall last week.** >> **Mary did not go to the mall last week.**

16) I celebrated my birthday last week.

17) The children wish to play tennis now.

F) FACTUAL PASSAGE

Read the following, then answer the questions that follow.

Metamorphosis means the process of transforming from a baby to an adult in stages. There are two types of metamorphosis, complete and incomplete. Complete metamorphosis is the process of change that takes place in more than three stages that include egg, larva, pupa and adult. At each stage of complete metamorphosis, the creature looks different. Many insects, like butterflies and mosquitoes, go through the process of complete metamorphosis. Aside from insects, frogs also go through complete metamorphosis.

Incomplete metamorphosis involves two or three stages and at which the baby or young simply looks like a smaller version of the adult. The stages are egg, then the second stage which is usually called a nymph (say nimp-f) followed by the adult. Examples of insects that go through incomplete metamorphosis are grasshoppers and cockroaches.

18) According to the passage, what is XXXXXXXXXX?

19) Do you think fishes go through complete or incomplete metamorphosis? Explain your answer.

20) What is the main difference between complete and incomplete metamorphosis?

21) Find a word or phrase from the passage that means the same as:

a) - _____

b) step - _____

22) Give a suitable title for the passage.

G) POETRY

Read the poem below, then answer the questions that follow.

Blue

Blue is the colour of the summer sky,
And the blue-jays flying so very high.
Blue is the colour of the wide, open ocean,
Screaming my name on a scorching hot day.
Blue tastes like fluffy cotton candy,
Made from tangy berries bursting open and
Melting in my mouth.
Blue smells like the briny air at the seaside,
And daisies growing on a hillside.
Blue is a sign of peace and happiness,
Love and heavenly bliss.

Wendy Lutchmansingh

23) What is the of the poem?

24) How does the poet bring the meaning of the poem to the reader?

25) Give an example of a in the poem.

CHAPTER 10: MISCELLANEOUS EXERCISE 3

A) Name the types of nouns underlined in each sentence. (common, proper, collective, abstract)

e.g. The pride of lions sauntered across the hot savannah. Collective

- 1) Mummy goes to the market on Sundays. _____
- 2) The debate team showed their _____ at the competition. _____
- 3) The gang of bullies inflicted fear in all the students of the school. _____

B) Write the possessive form of the underlined words.

e.g. We loved the cakes baked by grandma. Grandma's cakes

- 4) They all admired the _____.
- 5) The boys pushed their hands too far into the cages of the monkeys. _____
- 6) Adults went to the _____.

C) Choose the correct pronoun.

e.g. Those are the books (that, what) fell off the table.

- 7) We met the author (which, who) won the first prize.
- 8) The girl (that, whose) brother was ill, went to call her mother.
- 9) The Tropical Storm (_____) swept across the Caribbean last year caused lots of damage.

D) Write the correct form of the verb in brackets.

e.g. Mummy and Jane are going to the fashion show. (go)

- 10) We _____ several hours before she finally came. (wait)
- 11) The students _____ to the zoo last week. (_____)
- 12) Larry _____ the two books from the library next week. (return)
- 13) Who _____ my juice? (_____)

E) Write the correct form of the word in brackets.

e.g. Tim is the tallest boy in the school. (tall)

14) Sally is _____ when she is playing with her dolls. (happy)

15) The teacher advised the class to read _____. ()

F) Write the correct form of the “self” pronoun.

e.g. We made the shelf by ourselves when we could not find one at the store.

16) The deer protected _____ from the lion.

17) We felt proud of _____ when the principal spoke of our achievements.

G) FACTUAL PASSAGE

Read the passage below, then answer the questions that follow.

A thermometer is a device that is used to measure the amount of heat energy in a substance. In short, it measures how hot or cold something or someone may be in the units: degrees Celsius ($^{\circ}\text{C}$) or degrees Fahrenheit ($^{\circ}\text{F}$). There are two main types of thermometers, the alcohol thermometer and the mercury thermometer. In the alcohol thermometer, alcohol is dyed red or yellow then filled into the bulb of the thermometer which acts as a reservoir for the alcohol. In the mercury thermometer, the liquid inside the tube and reservoir is silver. Since mercury is a poisonous substance, the alcohol thermometer is more commonly-used.

When measuring temperature, it is useful to know that the boiling point of pure water is 100°C while the freezing point of pure water is 0°C . The normal body temperature of a human being is 37°C . If the liquid rises up the tube, the temperature is getting hotter. If the liquid goes down and barely moves, the temperature is getting colder.

18) What are _____ used for?

19) How can one distinguish between an alcohol thermometer and a mercury thermometer?

20) Write three pairs of antonyms that can be found in the passage.

a) _____ b) _____

c) _____

21a) Max went to school on Tuesday but complained of feeling unwell. When his temperature was taken, Max was said to have a fever. What do you think was Max's [redacted] at that time?

21b) What would you advise Max to do in order to [redacted]?

22) What is the author's purpose in writing the passage?

H) POETRY

Study the poem below, then answer the questions that follow.

I see you flitting across the garden,
As you look for your next stop.
Up and down, over and under,
Until the beautiful hibiscus you land atop.
Your ruby wings against the bright pink,
Is a heart, gently beating,
Pulsing like my brain when I think.

Your long, curly tongue,
You sink deep into the flower,
You drink up like a straw,
When you go in search of sweet nectar.
Tummy filled and wrapped in pollen,
You gracefully flit away to your next destination.

Wendy Lutchmansingh

23) What do you think the poet is talking about?

24a) Write a [redacted] from the poem.

24b) Explain what your chosen metaphor means.

25) Write the line of the poem that tells you the colour of the creature.

26a) Write a pair of [redacted] from the poem.

26b) Write a word from the poem that describes the creature's movements.

27) Give a suitable title to the poem.

D) GRAPHIC REPRESENTATION

Study the diagram below, then answer the questions that follow.

Max. weight: 200 kg PLEASE MAINTAIN SOCIAL DISTANCE

CAUTION: KEEP HANDS AND FEET AWAY FROM DOORS AT ALL TIMES.
PLEASE ENSURE THAT CHILDREN ARE SUPERVISED BY AN ADULT.

28) Where do you think the sign above can be found?

29a) people wanted to use the service. How many groups would they have to be divided into?

29b) Explain your answer above.

30a) What do you think the represents?

30b) Are they allowed to use the service?

30c) Explain why children should be supervised at all times by an adult.

CHAPTER 11: MISCELLANEOUS EXERCISE 4

A) Choose the correct word from the brackets to fill each blank space.

e.g. The boy, along with his father, plays hockey in his spare time. (play, plays)

- 1) Neither Mary nor her sister _____ to eat fruits or vegetables. ()
- 2) We _____ on our way to the beach when our car got a flat tyre. (was, were)
- 3) Each of the animals _____ its own trick at the circus. ()
- 4) Neither the goats nor the cattle _____ in the field during the night. (stay, stays)
- 5) The football team _____ to practise every day. ()

B) Write the correct form of the verb in capital letters.

e.g. BITE _____ Daddy had already bitten the apple when he saw the worm.

- 6) THINK _____ Andy had _____ of a suitable answer to the question.
- 7) _____ My aunt was _____ to the airport by my dad.
- 8) MISTAKE Mr. John was _____ for his twin brother.
- 9) _____ The children _____ too many milkshakes yesterday.

C) Name the part of speech of the underlined word in each sentence.

e.g. Cleanliness is an important quality in a restaurant. Abstract noun

- 10) Ria makes an _____ sound whenever she is upset. _____
- 11) I suspect that Jane will be late today as usual. _____
- 12) The wild lion _____ roared at the hunter. _____
- 13) The necklace that was found was mine. _____

D) Combine the sentences to make one.

e.g. The crowd gathered outside the restaurant. They wanted to get in. The restaurant was filled.

The crowd gathered outside the restaurant because they wanted to go in but the restaurant was filled.

- 14) Vidya Naipaul is a great West Indian author. He wrote many interesting books about Trinidad and Tobago.

15) The dog tried to jump over the puddle. He was too short. He fell into the slushy mud.

E) Write the correct form of the word in brackets to fill each blank space.

e.g. The passengers complained about the coldness inside the plane. (cold)

16) Annie was filled with _____ after her teacher praised her work. (happy)

17) The _____ between the mother and her grand-daughter was uncanny.

()

F) FACTUAL PASSAGE

Read the passage carefully, then answer the questions that follow.

Animal migration is the movement of animals from one place to another as a form of adaptation to escape harsh environmental conditions like weather and lack of food. Human migration is the movement of people from one place to another with the intentions of settling permanently or temporarily at the new location.

For a very long time, citizens of Trinidad and Tobago have been migrating out of T&T to other countries to live while citizens of other countries have been migrating into T&T to live. Some of the reasons for this movement in and out of our country include better opportunities, money and education.

Many citizens of T&T often complain that they cannot get jobs in our country even though they are highly qualified. They claim that employers often say that they need “work experience” in order to get a job. As a result, for a very long time now, citizens of Trinidad and Tobago have been migrating to countries like the United States of America and Canada in order to work and support their families. Similarly, some people who live in poorer countries like Guyana, tend to come to Trinidad and Tobago to live and work. Consider the recent influx of Venezuelans into our country. Why do you think they came to Trinidad and Tobago?

18) According to the passage, what is meant by ?

19a) Do humans and animals migrate for the same reasons?

19b) Explain your answer above.

20) Why do you think Trinidadians would go to America for [REDACTED] when there are great [REDACTED] in Trinidad and Tobago?

21) According to the information in the passage, why do [REDACTED] nationals migrate to Trinidad and Tobago?

22) Give a word from the passage that means: an arrival or entry of large numbers of people.

G) POETRY

Read the poem below, then answer the questions that follow.

<p style="text-align: center;">Bobby's Hobby</p> <p>Bobby likes to hide behind the bushes, Waiting for some poor soul, To come up the path unknowing, Of the terror about to unfold.</p> <p>He grins and snickers, At the thought of being naughty. He likes to pretend, That the dog is a horsey... Poor Spotty!</p>	<p>Bobby collects the stinky buggies That hide among the hedge. Poor mummy, the screams of horror when She sees them on the window ledge.</p> <p>He once got me so good, I actually froze where I stood, A shaking leaf I was, Staring at the huge spider, Winking at me and covered in black fuzz.</p> <p>If ever you see Bobby, Listen to my warning. Turn and run the other way, Because wherever Bobby is, The bugs are sure to be swarming.</p> <p style="text-align: right;">Wendy Lutchmansingh</p>
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23) Who is the [redacted] in the poem?

24) What would you say is Bobby's hobby?

25a) What do you think Bobby does to [redacted]?

25b) Write the lines from the poem that support your answer above.

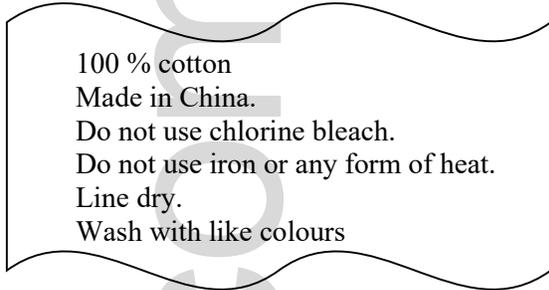
26a) What type of person do you think Bobby is? Explain your response.

26b) Write an example of [redacted] found in the poem.

27) What is the mood of the poem?

H) GRAPHIC REPRESENTATION

Study the diagram of the label below, then answer the questions that follow.



28) Where do you think the label might have been found?

29) What does XXXXXXXXXXXXXXXXXXXX

30) Why do you think heat is not to be used?

CHAPTER 12: MISCELLANEOUS EXERCISE 5

A) Use the plural form of the nouns in brackets to fill each blank space.

e.g. The green apples are very sour. (apple)

- 1) The school girl won several _____ at the graduation ceremony. (prize)
- 2) Several _____ on the highway caused a massive traffic pile-up. ()
- 3) The _____ received new _____ for the new school term.
(child, spectacles)

B) Write the correct form of the “self” pronoun on the blank spaces.

e.g. Mummy and I painted the house by ourselves.

- 4) The principal said that _____, _____, would discipline anyone caught fighting.
- 5) The house, _____, cost almost two million dollars.
- 6) Mother told me to cut _____ a slice of the delicious cake.

C) Use the correct form of the verbs in brackets to fill each blank space.

e.g. Max had already eaten his lunch when the bell rang. (eat)

- 7) Brian _____ a book about cars and boats yesterday. (buy)
- 8) Jane _____ at her friend’s jokes. ()
- 9) The expensive vase _____ from the child’s hand and broke. (fall)

D) Use the correct form of the verbs in brackets to fill each blank space.

e.g. Mary and Jack were eating pizza for dinner. (eat)

- 10) The world record in cricket is _____ by Brian Lara. ()
- 11) Many children are _____ an allowance by their parents. (give)
- 12) The school building was _____ by a local architect. ()

E) Underline the adjectives in each sentence below.

e.g. Daddy likes to wear very expensive colognes.

- 13) The _____ man made a _____ donation to the hospital.
- 14) Many drivers speed recklessly on the wet roads.

15) The bridge is the longest in the country.

F) Rewrite the sentences replacing the underlined contractions with their expanded forms.

e.g. Where's the red bag that was on the table?

Where is the red bag that was on the table?

16) My brother is the person who's held the record for the past three years.

17) All of us [redacted] leave at once.

G) FACTUAL PASSAGE

Read the passage below, then answer the questions that follow.

The weather of a place is the atmospheric conditions for that place at a particular point in time. These conditions are manifested through sunshine, rain, snowfall or even wind. The weather can change at any point whether it is within minutes, hours or days. The weather might be hot and sunny at one moment then rainy within a few minutes. The weather conditions can even be a combination of more than one so that a rainy day might also be very windy while a sunny day might be humid. In places where there is snow, a snow storm may take several days to pass all the while having heavy snowfall and winds but it will eventually change because it is a part of the weather for that place.

The climate of a place is the atmospheric conditions that have existed there over a long period of time. The climate influences the weather conditions of a place. The climate of a place depends upon its region on the earth which affects its distance from the sun. Climates take a very long time to show any sort of change. In fact, climates are so unchanging that different regions of the earth are distinguished by their climates. Places in regions that are nearer to the equator have tropical climates while places in regions that are nearer to the North and South poles have polar climates. The climate does not change within minutes or hours, days or even years. In the Caribbean, we have a tropical climate which influences the weather conditions so that we experience only two seasons, a dry season and a wet season. This does not change.

18) According to the passage, what is [redacted]?

19) What is the main difference between climate and weather?

20a) Santa lives at the [redacted]. What type of climate does Santa experience?

20b) What kind of weather conditions do you think are experienced by Jamaica? Explain your answer.

21) Write two pairs of [redacted] from the passage.

22) What do you think is the author's purpose in this passage?

H) POETRY

Study the poem below, then answer the questions that follow.

<p style="text-align: center;">The Silent Frenemy</p> <p>Long distance heat, Like soft, sinister laughter, Kissing our skin, The pain comes after.</p> <p>Everything in its path, Devoured by its voracious mouth, As it sweeps across the land, A powerful force without doubt.</p>	<p>Blazing bushes and trees alike, Like bits of food stuck in its teeth. Tummy filled with charred destruction, Settled down to see its victorious feat.</p> <p>Land bare and empty now, How quickly a friend became an enemy. What we once enjoyed on our skin, Is now really a quiet frenemy.</p> <p style="text-align: right;">Wendy Lutchmansingh</p>
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23a) Say what you understand by the term [redacted]?

23b) What do you think is the silent frenemy in the poem?

24) What do you think is the [redacted]?

25a) To what are the blazing bushes and trees compared?

25b) What do you think is the [redacted] mentioned in the poem?

26a) Give a word from the poem that means the same as:

i) greedy - _____ ii) evil - _____

26b) Write a pair of synonyms from the poem.

27a) Why is the land bare and empty at the end of the poem?

27b) What is the [redacted] of the poem?

I) GRAPHIC REPRESENTATION

Study the diagram below, then answer the questions that follow.

Chapter	Title	Page
1	Mixed Numbers	2
2	Symmetry	26
3	Statistics	37
4	Pictographs	50
5	Review Exercises	64

28) The diagram shows a part of a book.

a) What part of the book is the diagram showing?

b) Explain your response above.

29) If the book has ■ pages in total, on how many pages are there Review Exercises?

30) From what kind of book was the page most likely taken?

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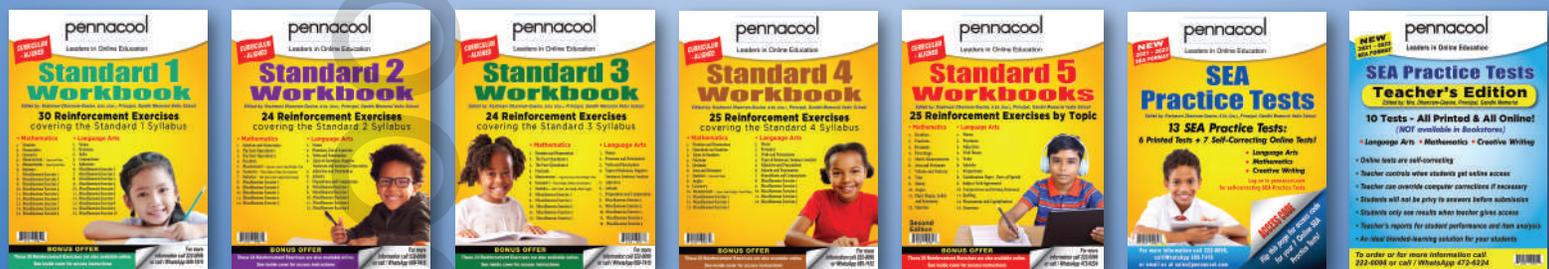
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