

pennacool.com Std. 3 Mathematics and Language Arts Answer Keys

MATHEMATICS

CHAPTER 1: NOTATION AND NUMERATION

1) 4 000	2) hundreds	3) Eight thousand, seven hundred and ninety-eight	4) 5 729	5) $(4 \times 1000) + (6 \times 100) + (7 \times 10) + (3 \times 1)$
6) 5 472	7) 8 730	8) 4 068	9) 5 678, 5 687, 7 856, 8 756	10) 4 362, 4 326, 3 624, 3 426
11) <	12) 350	13) 6 500	14) <	15) 55, 65
16) 24	17) 7 000	18) Mary got the answer wrong because tens is actually the place value which is the same as the heading. The value is actually the number which is 70.		
19) 3 682	20) Five thousand, six hundred and forty-seven		21) 6 500 stickers	22) 1 047
23) Jane was correct. While the 3 is the smaller number, it is in the thousands column which means that it has a value of 3000. The 9 is the bigger number but it is in the ones column which means that it has a value of 9.			24) >	25) <

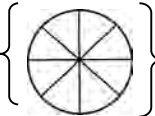
CHAPTER 2: THE FOUR OPERATIONS 1

1) 5 655	2) 6 220	3) 8 642	4) 1 522	5) 1 065
6) 5 655	7) 2 131	8) 2 103	9) 7 020	10) 4 080
11) 5 930	12) 2 314	13) 432	14) 1 597	15) 4 635
16a) \$1 389 16b) \$835	17) 1 530 m ribbon	18) 4 000 balloons	19) 48 guests	20) 610 people
21) 715 mangoes	22) Offer A was better because if Offer A is multiplied by two, the result will be 10 kg for \$20 which is less than Offer B. OR In Offer A, 1 kg costs \$2 while in Offer B, 1 kg costs \$2.50			
23) 53 children	24) 345 juices	25) 580 calories		


CHAPTER 3: THE FOUR OPERATIONS 2

1) 3 221	2) 9 003	3) 4 533	4) 3 280	5) 1 170
6) 552	7) 1 350	8) 1 306	9) 1 344	10) 462
11) 201	12) 912	13) 36 cookies	14) 333	15) 5 944
16) 3 450	17) 5 595 marbles	18) \$4 172	19) 2 989	20) 5 448 paperclips
21) 6 500 stickers	22) 182 sweets	23) 565	24a) 41 hampers 24b) Tim	25) 108 cookies OR 9 dozen

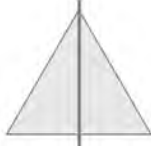
CHAPTER 4: FRACTIONS

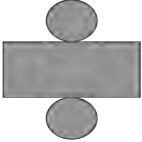
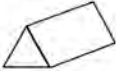
1a) one-half 1b) three-quarters		2a) $\frac{4}{5}$ 2b) $\frac{7}{8}$ 2c) $\frac{1}{4}$																		
1c) three-eighths																				
3) meat half  veggie half		4a) $\frac{7}{5}$ and $\frac{5}{3}$ 4b) They are improper fractions because the numerators are bigger than the denominators.																		
5) $\frac{3}{7}$	6a) $\frac{6}{12}$ & $\frac{9}{18}$ 6b) $\frac{10}{15}$ & $\frac{16}{24}$	7a) $\frac{1}{8}$, $\frac{1}{5}$, $\frac{1}{3}$ 7b) $\frac{1}{10}$, $\frac{1}{5}$, $\frac{3}{5}$	8a) < 8b) > 8c) =	9a) $\frac{9}{11}$ 9b) $\frac{1}{4}$ 9c) $\frac{3}{5}$																
10a) $8\frac{1}{3}$ 10b) $6\frac{2}{5}$ 10c) $4\frac{4}{11}$	11) $2\frac{2}{3}$	12a) $\frac{7}{3}$ 12b) $\frac{50}{8}$ 12c) $2\frac{3}{4}$	13) $\frac{3}{5}$	14) $\frac{3}{6} - \frac{2}{6} = \frac{1}{6}$																
15) Blue	16a) Vanilla	16b) <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td colspan="4" style="background-color: #cccccc;">$\frac{1}{2}$</td><td colspan="4">$\frac{1}{2}$</td></tr><tr><td style="background-color: #cccccc;">$\frac{1}{8}$</td><td style="background-color: #cccccc;">$\frac{1}{8}$</td><td style="background-color: #cccccc;">$\frac{1}{8}$</td><td style="background-color: #cccccc;">$\frac{1}{8}$</td><td>$\frac{1}{8}$</td><td>$\frac{1}{8}$</td><td>$\frac{1}{8}$</td><td>$\frac{1}{8}$</td></tr></table>			$\frac{1}{2}$				$\frac{1}{2}$				$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
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$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$													
17) Baby Brother, Myself, Daddy	18) 50 stickers	19a) 3 red balloons 19b) $\frac{3}{7}$	20) $\frac{1}{3}$	21) $3\frac{5}{7}$																
22) $3\frac{1}{5}$	23) $\frac{1}{7}$	24) $\frac{7}{8}$ bucket	25) $\frac{1}{20}$																	

CHAPTER 5: MEASUREMENT

1a) 1 000 ml 1b) 6 ½ L 1c) 2 750 ml	2) km	3a) 5 000 g 3b) 8 250 g	4) 32 cm	5a) L 5b) ml
6) 8 m	7a) 2 100 ml 7b) 4 L 300 ml 7c) 6 750 ml	8) 5 km	9) 250 cm	10) 6 000 g
11a) Yes 11b) 1 750 ml > 1 ½ L	12) 8:00 or 8 o'clock	13a) 5 750 g 13b) \$115	14) \$28	15a) 4 L 500 ml 15b) \$150
16) quarter to 5 or 4:45 	17a) 7:10 pm 17b) 11:45 am	18) 36 cm	19) 4 km	20) 300 m ²
21) 10 hours	22) Area of A = 200 cm ² Area of B = 100 cm ² Area of C = 200 cm ² Total = 500 cm ²		23a) \$66 23b) \$10	
24a) 15 cm 24b) 375 cm ²	25a) 12-hour time = 4:00 pm 24-hour time = 1600 hours 25b) 8:00 pm/ 2000 hours 25c) \$560			

CHAPTER 6: GEOMETRY

1) plane, solids	2) length, width/breadth	3) length, width, height
4) cylinder or triangular prism or cuboid	5) Max was correct because a marble is a sphere which is a solid.	6a) a rock 6b) It does not have equal sides or corners/angles.
7) cube, 6 faces, 12 edges, 8 vertices	8a) square-based pyramid or triangular-based pyramid 8b) square-based pyramid = square, 4 triangles triangular-based pyramid = 4 triangles	
9) pentagon	10) pentagon, star, rhombus	11) An invisible line that divides a shape into two equal parts with each part fitting exactly on top of the other.
12) 	13a) infinite lines of symmetry 13b) A circle has infinite lines of symmetry because there are an endless number of lines passing through the centre of the circle.	

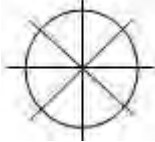


14) cube	15) square-based pyramid	16) 56 cm
17) 48 cm ²	18) 648 m	19) cylinder, cone
20a) Both are correct		21a) Yes
20b) Regular polygons have equal sides while irregular polygons have sides of differing lengths.		21b) It has 3 straight sides joined together.
22) 2	23) 	24a) No
25a) 5 faces, 9 edges, 6 vertices		25b) 

CHAPTER 7: STATISTICS


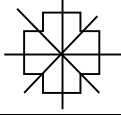

1a)	1b) 9																																				
<table border="1"> <thead> <tr> <th>Activity</th> <th>Tally</th> <th>Number of children</th> </tr> </thead> <tbody> <tr> <td>Tin pan alley</td> <td> </td> <td>10</td> </tr> <tr> <td>Face painting</td> <td> </td> <td>25</td> </tr> <tr> <td>Bouncy castle</td> <td> </td> <td>16</td> </tr> <tr> <td>Punch board</td> <td> </td> <td>9</td> </tr> </tbody> </table>	Activity	Tally	Number of children	Tin pan alley		10	Face painting		25	Bouncy castle		16	Punch board		9	1c) 6																					
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	1d) Face painting																																				
	1e) Punch board																																				
	1f) The prizes were not good. OR The prizes were too difficult to win. OR The game was hard. OR The game was expensive.																																				
1g)	2a) chocolate																																				
<table border="1"> <tr> <td>30</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Tin pan alley</td> <td>Face painting</td> <td>Bouncy castle</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Punch board</td> </tr> <tr> <td></td> <td colspan="3">Activities</td> </tr> </table>	30				25				20				15				10				5					Tin pan alley	Face painting	Bouncy castle				Punch board		Activities			2b) peanut
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	Tin pan alley	Face painting	Bouncy castle																																		
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	Activities																																				
	2c) 6																																				
	2d) 3																																				
	2e) 30																																				
	2f) 12																																				
	2g) peanut, cherry-vanilla, vanilla, chocolate																																				
	2h) \$80																																				
3a) cricket 3b) football																																					
3c) The principal should invest more in the football club to encourage more students to join because there																																					

is the least number of children in that club. 3d) 20 students 3e) 27 students
 3f) 11 students 3g) 6 more students

CHAPTER 8: MISCELLANEOUS EXERCISE 1

1) Two thousand, nine hundred and eighty-five	2) 6 029	3) $(5 \times 1000) + (8 \times 100) + (3 \times 10) + (4 \times 1)$	4) 2 134, 1 324, 1 243, 1 235	5) 3 000																				
6) open-ended answer as long as the number has four digits with a five in the hundreds column.	7) $\square = 5$	9a) 3 400	10a) 																					
	8) 80	9b) 9 000	10b) $\frac{3}{8}$																					
11a) triangular prism 11b) It has length, width and height 11c) 3 rectangles and 2 triangles	12a) rectangular boxes because there are 3 of them and they have flat surfaces so they can be stacked. 12b) 	13a) Larry 13b) Larry = 21m while Timmy = 17m	14) 3cm 																					
15) 250 kg	16) 2 hours and 30 minutes or $2\frac{1}{2}$ hours	17a) 10 o'clock or 10:00 17b) half past one or 1:30 OR half past two or 2:30 17c) The short hand should be between 1 and 2 for 1:30 or between 2 and 3 for 2:30.																						
18) Tile A because 1 tile covers and area or 225 cm^2 while Tile B only covers 200 cm^2 .	19a)		19b) crackers 19c) popcorn and vegetables 19d) 3 more people 19e) Fruit was the only sweet snack on the list. 19f) 32 people																					
	<table border="1" data-bbox="448 1213 1094 1482"> <thead> <tr> <th>Snacks</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>Popcorn</td> <td> </td> <td>5</td> </tr> <tr> <td>Crackers</td> <td> </td> <td>2</td> </tr> <tr> <td>Trail Mix</td> <td> </td> <td>4</td> </tr> <tr> <td>Cheese</td> <td> </td> <td>7</td> </tr> <tr> <td>Vegetables</td> <td> </td> <td>5</td> </tr> <tr> <td>Fruit</td> <td> </td> <td>9</td> </tr> </tbody> </table>		Snacks	Tally	Frequency	Popcorn		5	Crackers		2	Trail Mix		4	Cheese		7	Vegetables		5	Fruit		9	
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20a) 1 064 bottles 20b) Wednesday because the least number of bottles of water was sold.	21) \$239.50	22) 875 pencils	23) 135 bags	24) The better offer is 12 for \$24 because the cost of 1 mango is less.	25) 2 880 seedlings																			

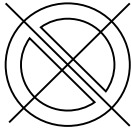
CHAPTER 9: MISCELLANEOUS EXERCISE 2

1) Eight thousand, nine hundred and five	2) 3 020	3) $(5 \times 1000) + (8 \times 100) + (9 \times 10) + (3 \times 1)$																				
4) 3 249, 2 943, 2 394, 1 349	5) 400	6) 1 039																				
7a) 64 7b) 5 7c) 1 037	8a) 565 8b) 4 010	9a) 5 300 9b) 4 000 9c) 5 500																				
10a) $\frac{1}{5}$ 10b) $\frac{1}{5}$	11a) square-based pyramid 11b) The base is square and it has a point/vertex at the top. 11c) 1 square and 4 triangles																					
12a)  12b) 	13a) 3 000 ml 13b) 1 500 ml	14)  4cm																				
15) 625 kg	16) 4 $\frac{1}{4}$ hours or 4 hours and 15 minutes	17a) 12:30 or half past twelve 17b) 2 $\frac{1}{2}$ hours or 2 hours 30 minutes																				
18) Tile B because the area of 1 tile is larger than Tile A.	19a)																					
	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 33%;">Snacks</th> <th style="width: 33%;">Tally</th> <th style="width: 33%;">Number of children</th> </tr> </thead> <tbody> <tr> <td>Popcorn</td> <td> </td> <td>5</td> </tr> <tr> <td>Crackers</td> <td> </td> <td>2</td> </tr> <tr> <td>Cereal</td> <td> </td> <td>4</td> </tr> <tr> <td>Fruits</td> <td> </td> <td>9</td> </tr> <tr> <td>Ice-cream</td> <td> </td> <td>5</td> </tr> <tr> <td>Nuts</td> <td> </td> <td>10</td> </tr> </tbody> </table> <p>19b) crackers 19c) popcorn and ice-cream 19d) 4 19e) $\frac{5}{35} = \frac{1}{7}$ 19f) 10 children liked nuts</p> <p style="text-align: right;">$35 - (5 + 2 + 4 + 9 + 5) = 35 - 25 = 10$</p>		Snacks	Tally	Number of children	Popcorn		5	Crackers		2	Cereal		4	Fruits		9	Ice-cream		5	Nuts	
Snacks	Tally	Number of children																				
Popcorn		5																				
Crackers		2																				
Cereal		4																				
Fruits		9																				
Ice-cream		5																				
Nuts		10																				
20a) 1 021 heads of lettuce 20b) 418 heads of lettuce	21) \$2 465.00	22a) 750 pencils 22b) blue																				
23a) 100 bags 23b) vanilla	24) 27 mangoes	25) 3 600 seedlings																				


CHAPTER 10: MISCELLANEOUS EXERCISE 3

1) tens	2) 50	3) 294	4) 1 394, 3 491, 3 941, 9 431																		
5) $\frac{9}{15}$	6) $\frac{7}{3}$	7) 54 eggs	8) 15																		
9) 63	10) \$80.65	11) 500 g	12) 6 students																		
13) juice	14) $1\frac{7}{4}$	15) $4\frac{4}{5}$	16) 2																		
17a) triangular prism		17b) triangular-based pyramid	18a) 8 000 m																		
17c) The triangular prism has 3 rectangles and two triangles but the triangular-based pyramid has only triangles.			18b) 4 250 ml																		
			18c) $3\frac{3}{4}$ L																		
			18d) $91\frac{1}{4}$ m																		
			18e) $6\frac{1}{2}$ kg																		
19) 162 m	20a)																				
	<table border="1"> <thead> <tr> <th>Colours</th> <th>Tally</th> <th>Number of children</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td> </td> <td>12</td> </tr> <tr> <td>Blue</td> <td> </td> <td>20</td> </tr> <tr> <td>Green</td> <td> </td> <td>9</td> </tr> <tr> <td>Yellow</td> <td> </td> <td>5</td> </tr> <tr> <td>Pink</td> <td> </td> <td>20</td> </tr> </tbody> </table>			Colours	Tally	Number of children	Red		12	Blue		20	Green		9	Yellow		5	Pink		20
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Red		12																			
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Pink		20																			
	20b) yellow	20c) blue and pink	20d) 3 20e) 20																		
21a) 1 527 games 21b) 615	22) The hexagonal tile as the total cost will be \$1500.00 while the square tile will cost \$1600.00.	23) 33 people																			
24) \$7 500	25) 15 apples																				

CHAPTER 11: MISCELLANEOUS EXERCISE 4

1) \$529.33	2) $(8 \times 1000) + (6 \times 100) + (3 \times 10) + (4 \times 1)$	3a) $\frac{1}{2}$ 3b) $\frac{4}{5}$	4) 8 970, 9 087, 9 708, 9 870															
5) $\frac{4}{15}$	6) $7 \frac{1}{5}$	7) 8 671	8) 2 880															
9) 9 cakes	10) Annie = 25 years Kim = 24 years Lee = 27 years	11) school supplies	12) 70															
13) 1 624	14) 224 stickers	15) 42 slices	16a) 2 16b) 															
17a) hexagon 17b) 12 cm	18) 8:10 am	19a) $2 \frac{1}{2}$ L 19b) 10 glasses																
20a)		21) 25 lifeboats	22a) Vendor A 22b) Vendor A = \$200 Vendor B = \$250															
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;">Flavours</th> <th style="width: 40%;">Tally</th> <th style="width: 40%;">Number of children</th> </tr> </thead> <tbody> <tr> <td>Vanilla</td> <td> </td> <td>4</td> </tr> <tr> <td>Chocolate</td> <td> </td> <td>11</td> </tr> <tr> <td>Strawberry</td> <td> </td> <td>10</td> </tr> <tr> <td>Total</td> <td> </td> <td>25</td> </tr> </tbody> </table>		Flavours	Tally	Number of children	Vanilla		4	Chocolate		11	Strawberry		10	Total		25		
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Vanilla		4																
Chocolate		11																
Strawberry		10																
Total		25																
20b) vanilla 20c) 10 children 20d) $\frac{2}{5}$																		
23a) 12 points 23b) 6 guppies 23c) 5 fighters	24) 111 students	25a) $1 \frac{3}{4}$ m 25b) \$174																

CHAPTER 12: MISCELLANEOUS EXERCISE 5

1) 1 302	2) 130 arms	3) $\frac{1}{3}, \frac{1}{4}, \frac{1}{6}, \frac{1}{12}$	4) 9 slices	5) cash price																																																		
6) 20	7) 84 marbles	8) 40	9) 168 plums	10) 611 cabbages																																																		
11) 12 prizes	12) 70	13) 602 stickers	14) 56	15) \$126.50																																																		
16) 21 m	17a) pentagon 17b) 21 cm 17c) It is a regular polygon because it has equal sides.																																																					
18) 32 cm ²	19a)  19b) 9:15 am	20a) <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tr><td>18</td><td></td><td></td><td></td><td></td></tr> <tr><td>16</td><td></td><td></td><td></td><td></td></tr> <tr><td>14</td><td></td><td></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td>12</td><td></td><td></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td>10</td><td></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td>8</td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td>6</td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td></tr> <tr><td>4</td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td></tr> <tr><td>2</td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td><td style="background-color: #cccccc;"></td></tr> <tr> <td></td> <td>Maths</td> <td>Grammar</td> <td>Science</td> <td>Reading</td> </tr> </table>			18					16					14					12					10					8					6					4					2						Maths	Grammar	Science	Reading
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6																																																						
4																																																						
2																																																						
	Maths	Grammar	Science	Reading																																																		
		20d) Total = 38 students 20e) Reading 20f) Reading is least liked because students probably think that it's hard or boring.																																																				
21) 200 pages	22a) \$2 250 22b) \$9 000	23a) 125 cm 23b) 5 m	24) 8 tables	25a) 140 people 25b) \$2 800																																																		

LANGUAGE ARTS

CHAPTER 1: NOUNS

Common Nouns	Proper Nouns	6) anger	7) honesty	8) bravery
Phone	Tunapuna Market	9) fleet	10) hive	11) bouquet
Silence	Piarco International Airport	12) suite	13) deck	14) Queen
Vegetables	Gulf City Mall	15) duck	16) hero	17) bull
Provision	Tom	18) tomatoes	19) children	20) couches
Airplane	Mary	21) knives	22) reindeer	23) boy's books
Rains	Mummy	24) her friend's marbles		25) cat's tail
Project				

CHAPTER 2: PRONOUNS AND PUNCTUATION

1) She	2) We	3) It	4) he	5) They	6) his
7) mine	8) yours	9) its	10) theirs	11) ourselves	12) themselves
13) herself	14) itself	15) yourself	16) them	17) her	18) us
19) me	20) it	21) which	22) that	23) whose	
24) Mummy had a book, a pen and a clipboard in her hand.					
25) Mary's shoes were sparkly and red.					

CHAPTER 3: VERBS AND PUNCTUATION

A) cooked, packed, grabbed, jumped, set off, was			6) was heating	7) were performing	8) was boiling
Present Tense	Past Tense	Past Participle	9) was grazing	10) was snapping	11) attacks
e.g. Sing	Sang	Sung	12) was	13) recite	14) is
1) Cut	cut	cut	15) enjoy	16) uses	17) likes
2) Bite	bit	bitten	18) has	19) does	20) go
3) Pass	passed	passed	21) women's	22) boys'	23) Stop doing that!
4) Eat	ate	eaten	24) Why are you taking that spoon with you?		
5) Go	went	gone	25) Jane bought: rice, tomatoes and oil at the grocery store.		

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

1) Interrogative	2) Declarative	3) Imperative	4) Exclamatory	5) Exclamatory
6) Dan and James were not sailing along the ocean in their boat.				
7) Today is not going to be a very hot day.				
8) Why have you not done your chores?				
9) The dog did not bark at the intruder.				
10) The baby boy was not walking without his mother's help.				
11) Mummy and I	12) A school of fish	13) Daddy	14) A baby bird	15) Chris and Martin
16) the store clerk	17) a new language	18) first vaccine	19) games	20) his briefcase
21) subject	22) object	23) object	24) subject	25) object

CHAPTER 5: ADJECTIVES

1) giant, dried	2) brilliant, long	3) gorgeous, red, exquisite, black	4) cute, four, deep	5) loud, busy
6) your	7) its	8) their	9) her	10) his
Positive Degree	Comparative	Superlative	17) sweeter	18) generous
11) tall	taller	tallest	19) crunchier	20) widest
12) happy	happier	happiest	21) smoothest	22) faster
13) beautiful	more beautiful	most beautiful	23) short	24) worst
14) intelligent	more intelligent	most intelligent	25) least	
15) good	better	best		
16) many	more	most		

CHAPTER 6: ADVERBS

1) madly	2) heavily	3) thoroughly	4) expertly	5) greedily
Positive Degree	Comparative	Superlative	13) weakly	14) more quickly
6) carefully	more carefully	most carefully	15) more selfishly	16) loudly
7) happily	more happily	most happily	17) heavily	18) more gently
8) slowly	More slowly	Most slowly	19) frequently	20) annually
9) quickly	More quickly	Most quickly	21) always	22) immediately
10) badly	worse	worst	23) patiently	24) gracefully
11) well	better	Best	25) boldly	
12) little	less	least		

CHAPTER 7: PREPOSITIONS AND CONJUNCTIONS

1) up	2) under	3) over	4) beneath	5) across, to	6) between
7) against	8) above	9) through	10) to	11) around	12) towards
13) or	14) but	15) so	16) yet	17) and	18) nor
<p>19) The house is very small but feels very spacious.</p> <p>20) Daddy was driving very fast so he missed the turn to the mall.</p> <p>21) I am allergic to dogs but I love to play with them so much because they are so cute.</p> <p>22) Max failed to study for the test so he failed the test miserably.</p> <p>23) Mummy washed the bed sheets with bleach but she could not get them clean so she got very angry.</p> <p>24) Daddy told us to stay by the car and wait for him but we did not listen so he got very angry with us.</p> <p>25) The glass plate fell to the ground but it did not shatter.</p>					

CHAPTER 8: MISCELLANEOUS EXERCISE 1

1) success, work, result	2) anxiety, days, exams, students	3) determination, Ali, task	4) bunch	5) team
6) herd	7) himself	8) herself	9) themselves	10) wrote
11) playing	12) advertised	13) cut	14) will visit	15) two
16) popular	17) Christmas			
18) The three forms in which water exists are: solid, liquid and gas/gaseous.				
19) According to the writer, the importance of water is survival of all living things.				
20) I think that plants also need water to survive because they use the water to help them make their food.				
21) a) survive b) oceans				
22a) Solar energy causes water to change into water vapour because it is heat energy from the sun which makes the water hot until it boils then changes into water vapour.				
22b) Evaporation leads to rainfall providing water for areas away from rivers and seas, drying of clothes and other items, steam that powers steam-electric power plants, etc.				
23) The poet is Cecil Frances Alexander.				
24) The main idea of the poem is nature and all the things that God made.				
25) A pair of antonyms from the first stanza of the poem is: great/small.				
26) I think that there are probably purple flowers on the mountain which makes the top of the mountain look purple like a purple-headed mountain.				
27a) No, that does not mean that God did not make the flowers that don't open. 27b) My answer above means that even though the flowers don't open, God still made them because they are still a part of nature and God made all of nature.				
28) Three pieces of information that a person can obtain from the television guides are: i) the names of shows being shown, ii) the times at which they will be shown and iii) the channels on which they will be shown.				
29a) I think that my dad would prefer to watch Channel 18. 29b) My dad would prefer that channel because he likes sports and that channel has lots of sport programmes.				
30) The term "Sign Off" means that the channel will be shut off at that time and there will be nothing showing.				

CHAPTER 9: MISCELLANEOUS EXERCISE 2

1) clean	2) was	3) visits	4) there	5) occasionally
6) much	7) somewhere, before	8) and	9) but	10) while
11) since	12) restless	13) division	14) laze	15) explanation
16) I did not celebrate my birthday last week.				
17) The children did not wish to play tennis now.				
18) Metamorphosis is the process of transforming from a baby to an adult in stages.				
19) Fishes go through incomplete metamorphosis. This is because the life cycle of a fish has only three stages and the baby fish looks like a smaller version of an adult fish.				
20) The main difference between complete and incomplete metamorphosis is: complete metamorphosis takes place in four stages while incomplete metamorphosis takes place in two or three stages.				
21a) transforming 21b) stage				
22) A suitable title for the passage is Metamorphosis.				
23) The theme of the poem is the colour blue.				
24) The poet brings the meaning of the poem to the reader by using imagery and the five senses.				
25) An example of a metaphor in the poem is: Blue is a sign of peace and happiness.				
26) An example of personification in the poem is: the wide, open ocean screaming my name.				
27) A pair of synonyms in the poem is: happiness and bliss.				
28) Blue was the most liked colour.				
29a) I think that at least twelve students were girls.				
29b) I think so because 12 students liked pink and generally speaking, girls are often the ones who really like pink.				
30) Red and green together were liked by a dozen students.				

CHAPTER 10: MISCELLANEOUS EXERCISE 3

1) proper	2) abstract	3) collective	4) boy's attitude	5) monkeys' cages
6) children's Christmas party	7) who	8) whose	9) that	10) waited
11) travelled	12) will return	13) drank	14) happiest	15) carefully
16) itself	17) ourselves			
<p>18) A thermometer is used to measure the amount of heat energy in a substance.</p> <p>19) An alcohol thermometer usually has red or yellow liquid inside while a mercury thermometer has silver liquid inside.</p> <p>20a) hot, cold 20b) boiling, freezing 20c) up, down</p> <p>21a) I think that Max's body temperature at that time was more than 37°C.</p> <p>21b) In order to break his fever, I would advise Max to have a cold shower and take medicine.</p> <p>22) The author's purpose in writing the passage is to inform readers about thermometers and temperature.</p>				
<p>23) I think that the poet is talking about a butterfly.</p> <p>24a) A metaphor from the poem is: Your ruby wings is a heart gently beating.</p> <p>24b) The metaphor means that the butterfly's wings are red like a heart and they look like a beating heart when the butterfly is fluttering about.</p> <p>25) The line that tells the colour of the butterfly is: Your ruby wings against the bright pink.</p> <p>26a) up and down OR over and under</p> <p>26b) A word from the poem that describes the creature's movements is flitting.</p> <p>27) A suitable title for the poem is: The Beautiful Butterfly</p>				
<p>28) I think that the sign can be found by an elevator in a building.</p> <p>29a) Ten people would have to be divided into 4 groups.</p> <p>29b) They would have to be divided into four groups because only three people at a time can use the elevator and ten divided by three is three with one extra so four groups will be formed.</p> <p>30a) The person sitting represents someone who uses a wheelchair.</p> <p>30b) Yes they are allowed to use the service.</p> <p>30c) Children should be supervised by an adult at all times in case they put their hands or feet into the doorway.</p>				

CHAPTER 11: MISCELLANEOUS EXERCISE 4

1) likes	2) were	3) does	4) stay	5) has
6) thought	7) driven	8) mistaken	9) drank	10) adjective
11) verb	12) adverb	13) possessive pronoun		
<p>14) Vidya Naipaul is a great West Indian author who wrote many interesting books about T&T.</p> <p>15) The dog tried to jump over the puddle but he was too short so he fell into the slushy mud.</p> <p>16) happiness 17) resemblance</p>				
<p>18) According to the passage, human migration is the movement of people from one place to another with intentions of settling permanently or temporarily at the new location.</p> <p>19a) Humans and animals do migrate for the same reasons.</p> <p>19b) Animals migrate to escape harsh environmental conditions like weather and lack of food and humans migrate to gain better opportunities in order to prevent lack of food.</p> <p>20) I think that Trinidadians would go to America for education because there is a wider variety of courses being offered to students.</p> <p>21) According to the information in the passage, Guyana nationals migrate to Trinidad and Tobago because their country is poorer so they come to live and work for more money.</p> <p>22) A word from the passage that means the arrival or entry of large numbers of people is influx.</p>				
<p>23) The main character in the poem is Bobby.</p> <p>24) I would say that Bobby's hobby is collecting bugs and scaring others with them.</p> <p>25a) I think that Bobby probably tries to ride on Spotty as though he is a horse.</p> <p>25b) The lines that support my answer are: He likes to pretend, That the dog is a horsey.</p> <p>26a) I think that Bobby is a very naughty person because he likes to use bugs to scare people for his own enjoyment.</p> <p>26b) An example of personification in the poem is: the huge spider winking at me.</p> <p>27) The mood of the poem is amusing yet tense or terrifying.</p>				
<p>28) I think that the label might have been found on a piece of clothing.</p> <p>29) Wash with like colours means that the item should be washed with colours that are the same as it or in the same spectrum as it.</p> <p>30) I think that heat is not to be used because the item might be easily burnt or it might shrink or stretch unnecessarily.</p>				

CHAPTER 12: MISCELLANEOUS EXERCISE 5

1) prizes	2) lorries	3) children, spectacles	4) herself	5) itself
6) myself	7) bought	8) laughs	9) fell	10) held
11) given	12) designed	13) generous, large	14) many, wet, recklessly	15) longest
16) who has	17) should not			
<p>18) According to the passage, weather is the atmospheric conditions at a particular point in time.</p> <p>19) The main difference between climate and weather is that weather conditions are at a specific point in time while climate is the conditions that have existed for long periods of time that influence the weather conditions.</p> <p>20a) Santa would experience a polar climate at the North Pole.</p> <p>20b) I think that Jamaica has dry or sunny weather and rainy or wet weather conditions because Jamaica is a Caribbean island and the Caribbean has a tropical climate which means only two seasons: dry and wet.</p> <p>21) Two pairs of antonyms from the passage are: North and South, dry and wet.</p> <p>22) The author's purpose is to educate readers about the difference between weather and climate.</p>				
<p>23a) I understand that a frenemy is a friend who is also an enemy.</p> <p>23b) I think that the silent frenemy in the poem is the sun.</p> <p>24) I think that the pain that comes after is sunburn from being in the sun for too long.</p> <p>25a) The blazing bushes and trees are being compared to bits of food.</p> <p>25b) I think that the victorious feat is a bush fire.</p> <p>26a)i) greedy – voracious ii)) evil – sinister</p> <p>26b) empty and bare</p> <p>27a) The land is bare and empty because the bush fire has burnt everything down.</p> <p>27b) The mood of the poem is intense or haunting or foreboding.</p>				
<p>28a) The diagram shows the table of contents.</p> <p>28b) It shows a table of contents because one can see the titles of the various chapters as well as the page numbers for each chapter.</p> <p>29) There are Review Exercises on twenty-seven pages.</p> <p>30) The page was most likely taken from a Mathematics book.</p>				