

GRADE THREE END OF YEAR SAMPLE TEST

TABLE OF SPECIFICATION: SECTION A

SECTION A – MULTIPLE CHOICE

Section A comprises 44 multiple choice items covering the five strands of the curriculum. All items are weighted equally and together are worth 44 marks.

| STRANDS | Simple Recall/ Knowledge | Use of Knowledge | Mathematical Reasoning | Total # of Items |
|------------------|-----------------------------|---|------------------------|---------------------|
| Number | 4 (1,4, 5,8) | 13 (2,3,6,7, 9,10,11,12, 13, 14,15, 16, 17) | | 17 |
| Measurement | 3 (19,26, 27) | 6 (20,21,23,24,25,28) | 1 (18) | 10 |
| Geometry | 5 (22,29,30,31,32) | 1 (33) | | 6 |
| Algebra | - | 5 (34,35,36,37, 38) | | 5 |
| Statistics | - | 6 (39,40,41 42, 43, 44) | | 6 |
| Total # of Items | 12 | 31 | 1 | 44 |

TABLE OF SPECIFICATION: SECTION B

SECTION B

Section B comprises 4 structured questions covering four of the five strands of the curriculum. Students are required to answer all questions. Questions are weighted differently giving a total of 16 marks.

| STRANDS | Simple Recall/ Knowledge | Use of Knowledge | Mathematical Reasoning | Total # of Marks |
|------------------|-----------------------------|-----------------------------|------------------------|------------------|
| Number | | 1 (Ques. 2a) | 3 (Ques. 2b) | 4 |
| Measurement | | 4 (Ques.3a, 3b, 3c) | | 4 |
| Geometry | | 4 (Ques. 4a, 4b, 4c) | | 4 |
| Statistics | | 2+1+1 (Ques. 1a, 1b, 1c) | | 4 |
| Total # of marks | | 13 | 3 | 16 |

SAMPLE END OF YEAR TEST – SECTION A

Grade Three

Mathematics

Sample End of Year Test

Name: _____ Date: _____

SECTION A

CIRCLE THE CORRECT ANSWER FOR EACH OF THE FOLLOWING.

1. What is the place value of 8 in the number 286?

- a) ones
- b) tens
- c) hundreds
- d) eights

2. What fraction is shaded?



- a) $\frac{1}{4}$
- b) $\frac{1}{3}$
- c) $\frac{1}{2}$
- d) $\frac{4}{4}$

3. What is 46 rounded off to the nearest 10?

- a) 40
- b) 45
- c) 47
- d) 50

4. What are the missing numbers in the following series 4, _____, _____, 10, 12, 14?

- a) 6, 8
- b) 8, 6
- c) 8, 9
- d) 5, 9

5. Which set has all odd numbers?

- a) {2, 4, 6}
- b) {3, 5, 7}
- c) {2, 3, 5}
- d) {3, 4, 7}

6. What is $\frac{1}{2}$ of 14 balls?



- a) 9 balls
- b) 8 balls
- c) 7 balls
- d) 6 balls

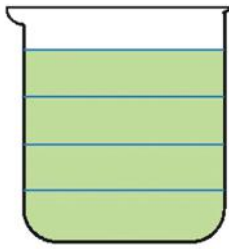
7. What is the expanded form of 235?

- a) $200 + 30 + 5$
- b) $200 + 3 + 5$
- c) $2 + 35 + 0$
- d) $2 + 3 + 5$

8. Which numbers come directly before and directly after 250?
- a) 250 and 251
 - b) 240 and 260
 - c) 249 and 251
 - d) 251 and 252
9. What is the value of $87 - 42$?
- a) 44
 - b) 45
 - c) 54
 - d) 55
10. Place the following numbers in order of size, from the smallest to the largest:
140, 110, 130, 120.
- a) 120, 110, 130, 140
 - b) 110, 120, 130, 140
 - c) 140, 110, 130, 120
 - d) 110, 130, 120, 140
11. What is the value of $648 \div 3$?
- a) 26
 - b) 212
 - c) 216
 - d) 2016
12. Peter bought a cake and shared it with his friends. He gave Roy $\frac{5}{8}$ and took $\frac{2}{8}$ for himself.
What fraction of the cake was shared between the two boys?
- a) $\frac{3}{8}$
 - b) $\frac{1}{8}$
 - c) $\frac{7}{16}$
 - d) $\frac{7}{8}$

13. What is the value of 205×3 ?
- a) 208
 - b) 605
 - c) 615
 - d) 6015
14. Ms Hall bought 39 sweets for her class. How many dozen sweets can she get from this total?
- a) 2
 - b) $2 \frac{1}{2}$
 - c) $3 \frac{1}{4}$
 - d) 4
15. What is the value of the underlined digit in the number 6, 753?
- a) 5 ones
 - b) 5 tens
 - c) 5 hundreds
 - d) 5 thousands
16. The grade 3 students at Harris Primary School read 5,859 books. The grade 4 students read 8,329 books. How many more books did the grade 4 students read than the grade 3 students?
- a) 2,470
 - b) 2,480
 - c) 3,530
 - d) 3,540
17. Claude had 32 plums. He gave Christine 14 and then bought 9 more plums. How many plums does Claude now have?
- a) 9
 - b) 27
 - c) 37
 - d) 55

18. The container below can hold 1 cup of juice. How many $\frac{1}{8}$ cups are needed to fill the container?

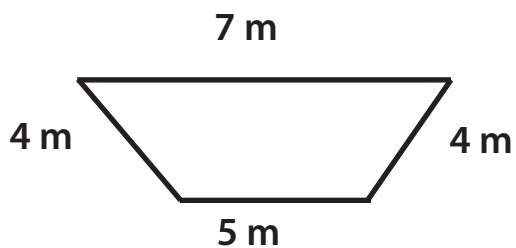


1 cup



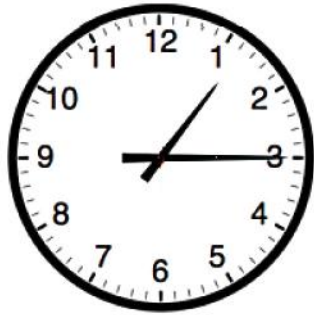
$\frac{1}{8}$ cup

- a) 2
b) 4
c) 6
d) 8
19. Which of the following instruments is used to measure mass?
- a) thermometer
b) measuring cup
c) balance scale
d) clock
20. What is the perimeter of the figure shown?



- a) 12m
b) 13m
c) 16m
d) 20m

21. What time is the clock showing below?



- a) Quarter past 3
- b) Quarter to 3
- c) Quarter past 1
- d) 3 past 1

22. Which of the following signs has the shape of a pentagon?



23. Pamela is 3 years older than Nicholas. How old will Pamela be when Nicholas is 8 years old?

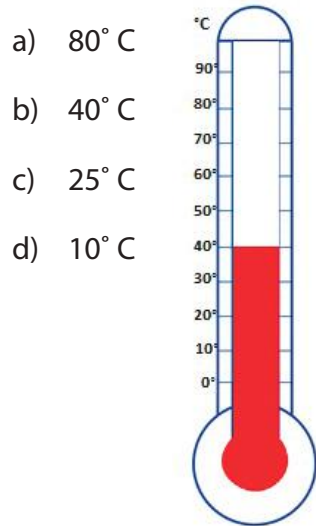
- a) 11 years old
- b) 8 years old
- c) 5 years old
- d) 3 years old

The calendar below shows that Mark and Marsha celebrated their birthday on July 11, 2009. Use the calendar to answer questions 24 – 25.

| July 2009 | | | | | | |
|-----------|-----|-----|-----|------|-----|-----|
| SUN | MON | TUE | WED | THUR | FRI | SAT |
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

24. How old is Mark if he was born on July 11, 1995?
- 12 years old
 - 13 years old
 - 14 years old
 - 15 years old
25. If Mark was born 1994 and Marsha was born 1996. How much older is Mark than Marsha?
- 1 year older
 - 2 years older
 - 3 years older
 - 4 years older
26. Mother bought the following items at the store: milk, rope, chicken and egg. Which of the items would be most likely measured in litres?
- milk
 - rope
 - chicken
 - egg

27. Which of the temperatures below matches the picture?



28. Which is the most appropriate unit that Paula can use to measure the length of a pencil?

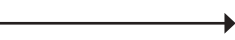



- a) cm
- b) m
- c) Hm
- d) Km

29. Which of the following statements is true about the shape below?

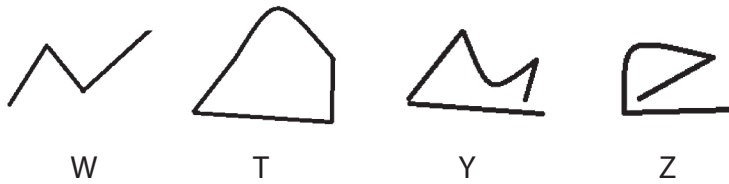


- a) The shape has 4 acute angles.
- b) The shape has 2 acute angles and 2 right angles.
- c) The shape has 4 right angles.
- d) The shape has 2 acute angles and 2 obtuse angles.

30. Which of the following is a ray?

- a) 
- b) 
- c) 
- d) 

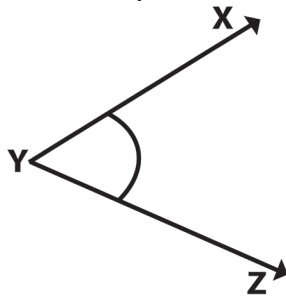
31. Which diagram shows a closed path?







- a) W
- b) T
- c) Y
- d) Z

32. What is the name of the angle below?

- a) $\angle YXZ$
- b) $\angle ZXY$
- c) $\angle XYZ$
- d) $\angle XZY$



33. Which figure has the greatest number of acute angles?

- a) 
- b) 
- c) 
- d) 

34. If $P = 7$, what is the value of $67 - P$?

- a) 6
- b) 7
- c) 60
- d) 74

35. If $m = 43$, then $m + m =$

- a) 67
- b) 68
- c) 86
- d) 4343

36. If $\square = 8$, which of the following number sentences is true?

- a) $\square - 5 = 12$
- b) $20 + \square = 25$
- c) $18 - \square = 10$
- d) $\square + 6 = 15$

37. If $p + 4 = 12$, what is p ?

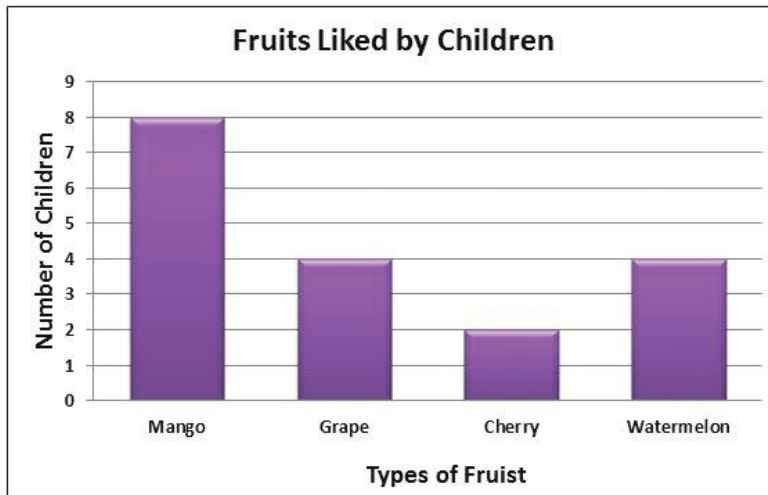
- a) 3
- b) 8
- c) 16
- d) 48

38. Which of the following numbers would complete the number sentence?

$$8 + \square = 3 \times 5$$

- a) 16
- b) 7
- c) 5
- d) 3

Observe the graph below. Use it to answer question 39.



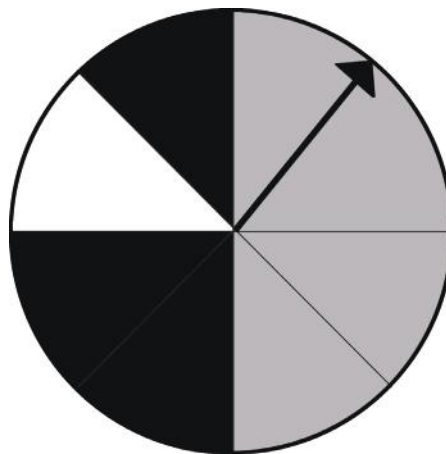
39. How many students enjoyed grape more than cherry?
- a) 2
 - b) 4
 - c) 6
 - d) 8
40. Timmy has 5 red buttons, 4 blue buttons and 3 black buttons in a bag. What is the chance of him pulling out a red button?
- a) certain
 - b) impossible
 - c) equally likely
 - d) not likely

The table below shows the number of students who liked chicken, beef and cheese patties. Use it to answer questions 41 and 42.

| Patties | Number of Students |
|---------|--------------------|
| Chicken | ☺☺☺ |
| Beef | ☺☺☺☺☺ |
| Cheese | ☺☺☺☺☺☺ |

Key ☺ represents 2 students

41. How many students liked cheese patties?
- 5
 - 6
 - 10
 - 11
42. How many students liked beef patties more than chicken patties?
- 4
 - 5
 - 6
 - 7
43. Look at the wheel below and answer the question which follows. If you spin the wheel, the arrow is _____ to land on the white than the black.
- certain
 - most likely
 - less likely
 - equally likely







Use the information below to answer question 44.

The table below shows the number of pencils bought by four classes over a month.





| Classes | Number of pencils sold |
|----------|------------------------|
| Grade 3A | 16 |
| Grade 3B | 20 |
| Grade 3C | 12 |

44. Which of the pictographs shows the same information?





a)

| Classes | Number of pencils sold |
|---|---|
| Grade 3A |  |
| Grade 3B |  |
| Grade 3C |  |
|  = 3 pencils | |





b)

| Classes | Number of pencils sold |
|---|---|
| Grade 3A |  |
| Grade 3B |  |
| Grade 3C |  |
|  = 2 pencils | |

c)

| Classes | Number of pencils sold |
|---|---|
| Grade 3A |  |
| Grade 3B |  |
| Grade 3C |  |
|  = 5 pencils | |

d)

| Classes | Number of pencils sold |
|---|---|
| Grade 3A |  |
| Grade 3B |  |
| Grade 3C |  |
|  = 4 pencils | |

SAMPLE END OF YEAR TEST – SECTION B

Grade Three Mathematics Sample End of Year Test

Name: _____ Date: _____

SECTION B

ANSWER ALL QUESTIONS IN THIS SECTION

1. Pam kept a score of the different colours of the cars that passed her house.
- a) Examine and complete the tally table for Pam. (2 marks)

| Colour Cars | Tally | Number |
|-------------|-------------|--------|
| White | III III III | |
| Grey | | 11 |
| Black | III III | |

- b) Which colour car passed Pam's house the most number of times? _____
(1mark)
- c) Which colour car passed Pam's house the least number of times? _____
(1mark)
2. Timmy went to the store and saw these items for sale.



\$105



\$135



\$85



\$95



\$160

- a) How much would Timmy pay for 2 caps and a pair of shorts?(show all working)
- _____ (1mark)
- b) Timmy wants to buy a pair of sneakers and 2 other items out of \$350. What are these items and how much change will he receive after buying these items?
- _____ (3marks)

3. Look at the calendar and complete the statements below.

| MARCH | | | | | | |
|-------|-----|-----|-----|-------|-----|-----|
| Sun | Mon | Tue | Wed | Thurs | Fri | Sat |
| | | | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

- a) The last day of the previous month was a _____ (2 marks)
- b) The second day of April will be a _____ (1 mark)
- c) There are _____ school days in March. (1 mark)

4. Draw sketches to show the following figures:

- a) Line segment LM (1 mark)
- b) Rays PQ and PS meeting at point 'P'. (2 marks)
- c) A right angle. (1 mark)

SAMPLE END OF YEAR TEST – ANSWER SHEET

Answer Sheet Grade Three Sample Test

- | | |
|-------|-------|
| 1. B | 23. A |
| 2. C | 24. C |
| 3. D | 25. B |
| 4. A | 26. A |
| 5. B | 27. B |
| 6. C | 28. A |
| 7. A | 29. C |
| 8. C | 30. A |
| 9. B | 31. B |
| 10. B | 32. C |
| 11. C | 33. D |
| 12. D | 34. C |
| 13. C | 35. C |
| 14. C | 36. C |
| 15. B | 37. B |
| 16. A | 38. B |
| 17. B | 39. A |
| 18. D | 40. A |
| 19. C | 41. D |
| 20. D | 42. B |
| 21. C | 43. C |
| 22. D | 44. D |