

1. $1538 + 805 + 7$

- A. 1330
- B. 1332
- C. 2330
- D. 2350

2. Add 0.67 and 0.067

- A. 0.134
- B. 0.637
- C. 0.730
- D. 0.737

3. What is $806 - 54$?

- A. 852
- B. 752
- C. 346
- D. 266

4. Which of the following represents two million, six hundred and seventy-one thousand and three?

- A. 2,671,003
- B. 2,670,103
- C. 267,103
- D. 26,713

5. What is 236 written as a Roman Numeral?

- A. CCXXXIV
- B. CCXXVI
- C. CCXXXIV
- D. CCXXXVI

6. What is 48% of 500?

- A. 548
- B. 452
- C. 240
- D. 200

7. What is $5\frac{2}{7} + 3\frac{3}{7}$?

- A. $8\frac{5}{7}$
- B. $13\frac{1}{14}$
- C. $8\frac{5}{7}$
- D. $8\frac{5}{14}$

8.
$$\begin{array}{r} \$200.00 \\ - \$197.30 \\ \hline \end{array}$$

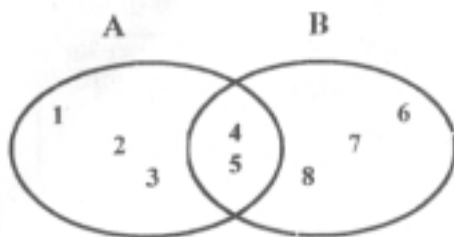
- A. \$3.70
- B. \$3.30
- C. \$2.70
- D. \$2.30

9. What is $0.63 \div 0.005$?

- A. 0.126
- B. 1.26
- C. 12.6
- D. 126.0

10. Which set of numbers is in the correct order starting from the least to the greatest?
- A. 2.008, 2.025, 2.081, 2.095
 B. 2.025, 2.008, 2.081, 2.095
 C. 2.095, 2.025, 2.008, 2.081
 D. 2.008, 2.095, 2.025, 2.081
11. If 25% of the apples in a box is spoiled, what percentage of the apples is good?
- A. 25%
 B. 50%
 C. 75%
 D. 80%
12. In the number sentence below, what is the numeral 8 called?
- $160 \div 8 = 20$
- A. product
 B. divisor
 C. quotient
 D. dividend
13. What is $\frac{20}{6}$ as a mixed number?
- A. $2 \frac{1}{6}$
 B. $3 \frac{2}{6}$
 C. $3 \frac{1}{6}$
 D. $2 \frac{2}{6}$
14. What is \$667 rounded to the nearest \$100?
- A. \$700
 B. \$670
 C. \$660
 D. \$600
15. What is 3509 written in words?
- A. Three thousand and fifty nine
 B. Thirty-five thousand and nine
 C. Three thousand five hundred and fifty-nine
 D. Three thousand five hundred and nine
16. Which of the following is equivalent to $\frac{2}{100}$?
- A. 2.0
 B. 0.2
 C. 0.02
 D. 0.002
17. What is 31.9×27 ?
- A. 861.3
 B. 845.3
 C. 58.9
 D. 34.6
18. A shirt is priced at \$250.00. The cost is reduced by \$10.00. What does the \$10.00 represent?
- A. credit on the shirt
 B. the value of the shirt
 C. discount on the shirt
 D. GCT paid on the shirt

19. What is $A \cup B$?



- A. {4, 5}
B. {1, 2, 3, 4, 5,}
C. {6, 7, 8, 1, 2, 3}
D. {1, 2, 3, 4, 5, 6, 7, 8}

20. Which represents the greatest number?

- A. 8 thousands, 3 hundreds, 3 tens, 4 ones
B. 8 thousands, 2 hundreds, 3 tens, 4 ones
C. 8 thousands, 3 hundreds, 3 tens, 2 ones
D. 8 thousands, 3 hundreds, 2 tens, 4 ones

21. What is 1492 written in expanded form?

- A. $14\,000 + 90 + 2$
B. $14\,000 + 92$
C. $1\,000 + 400 + 90 + 2$
D. $1\,000 + 40 + 90 + 2$

22. Which set of numbers shows the factors of 24?

- A. $2 \times 2 \times 3 \times 3$
B. $3 \times 3 \times 3$
C. $2 \times 2 \times 2 \times 3$
D. $2 \times 2 \times 3 \times 8$

23. Which of the following is the same as:

$$10\,000 + 2\,000 + 800 + 40 + 3$$

- A. 10 843
B. 10 800
C. 12 840
D. 12 843

24. Which of the following is a set of even numbers?

- A. {3, 13, 19, 23}
B. {4, 18, 33}
C. {8, 14, 25}
D. {4, 8, 18, 22}

25. What is 0.62 expressed as a fraction?

- A. $\frac{62}{10}$
B. $\frac{62}{100}$
C. $\frac{62}{1000}$
D. $\frac{62}{10000}$

26. Which of the following represents two hundred three dollars and seven cents?

- A. \$2 003.07
B. \$2 003.70
C. \$203.07
D. \$230.70

27. Which of these is the same as 21%?

- A. 0.021
- B. 0.21
- C. 2.10
- D. 21.0

28. Which statement **best** describes the word dozen?

- A. Twenty things grouped together.
- B. Twelve things grouped together.
- C. Ten things grouped together.
- D. Thirty things grouped together.

29. Which set contains multiples of 3 only?

- A. {1, 4, 7, 10 ...}
- B. {2, 6, 9, 12 ...}
- C. {3, 5, 8, 11, ...}
- D. {6, 9, 12, 15 }

30. A man picked 375 oranges on Monday and 596 on Tuesday. How many oranges did he pick in all?

- A. 971
- B. 961
- C. 871
- D. 861

Use this table to answer questions 31 - 33.

Items	Price per kg
2 ½ kg sugar	\$10 per kg
3 kg flour	\$15 per kg
2 loaves bread	\$40 each
TOTAL	

31. Which of the following will give the cost of 3 loaves of bread?

- A. $\$40 \div 3$
- B. $\$40 \times 3$
- C. $\$20 \div 3$
- D. $\$20 \times 3$

32. What would be the total cost of 2 loaves of bread and 3 kg of flour?

- A. \$110.00
- B. \$115.00
- C. \$120.00
- D. \$125.00

33. What would be the change from \$200.00 if all the items listed in the table above were purchased?

- A. \$50.00
- B. \$65.00
- C. \$135.00
- D. \$165.00

34. The ratio of students who like swimming to those who like cricket is 7:3. What percent of the students like swimming?

- A. 7%
- B. 10%
- C. 30%
- D. 70%

Use the graph below to answer question 35.

The graph shows how Jim used his pocket money.



35. What fraction of his money did Jim save?

- A. $\frac{1}{2}$
- B. $\frac{1}{4}$
- C. $\frac{1}{3}$
- D. $\frac{1}{8}$

36. If \$6.00 can buy 3 books, how many books can \$24.00 buy?

- A. 12 books
- B. 10 books
- C. 8 books
- D. 2 books

Use the diagram below to answer question 37.

The table shows the number of rolls of paper sold for a particular week.

Day	Rolls of Paper
Monday	35
Tuesday	30
Wednesday	40
Thursday	15
Friday	25

37. What is the total number of rolls of paper sold for the period Monday to Friday?

- A. 50 rolls
- B. 60 rolls
- C. 135 rolls
- D. 145 rolls

38. What is the sum of 80×6 and $80 - 6$?

- A. 566
- B. 554
- C. 550
- D. 450

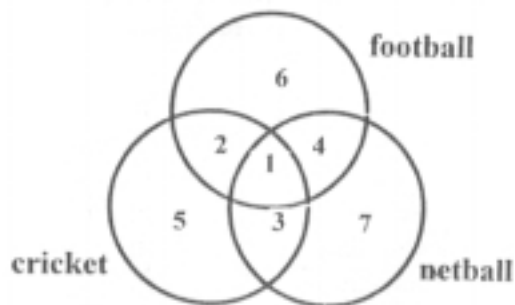
39. If 4 bags of corn can feed a herd of cows for 6 days, how many bags will feed the same herd for 9 days?

- A. 6
- B. 9
- C. 24
- D. 36

Handwritten notes:
 4 bags 6 days
 3 bags 9 days
 6 9

Use the diagram below to answer question 40.

The diagram shows the games played by students in a class.



40. How many students in all play football?

- A. 18
- B. 13
- C. 7
- D. 6

41.
$$\begin{array}{r} \text{m} \qquad \qquad \text{cm} \\ 19 \qquad \qquad 58 \\ - 4 \qquad \qquad 49 \\ \hline \end{array}$$

- A. 15 m 09 cm
- B. 15 m 11 cm
- C. 15 m 19 cm
- D. 15 m 07 cm

42. Add together 750 g, 235 g, 1 kg and 500 g?

- A. 1 kg 485 g
- B. 1 kg 580 g
- C. 2 kg 485 g
- D. 2 kg 480 g

43. Jack walks to school daily. Which unit of measurement correctly describes the distance he travels in one week?

- A. kilometres
- B. kilograms
- C. millimetres
- D. centilitres

44. Which of the following is measured in hours?

- A. mass
- B. time
- C. length
- D. temperature

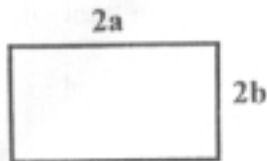
45. A jug contains 3500 cm^3 of liquid. If $1000 \text{ cm}^3 = 1 \text{ litre}$, how many litres of liquid does the jug contain?

- A. 0.35L
- B. 3.5L
- C. 35.0L
- D. 350.0L

46. Which of these is the same as 1 cm?

- A. $\frac{1}{10} \text{ m}$
- B. $\frac{1}{100} \text{ m}$
- C. $\frac{1}{1000} \text{ m}$
- D. $\frac{1}{10000} \text{ m}$

Use the diagram below to answer question 47.



47. Which of these can be used to give the area of the figure shown?

- A. $2 + a + 2 + b$
- B. $2 \times a \times b$
- C. $2a + 2b$
- D. $2a \times 2b$

Use the table to answer question 48.

The table shows the temperature in °Celsius of 4 countries on a particular day.

Places	Jamaica	Trinidad	Barbados	Cuba
Temp in °Celsius	30°	33°	20°	35°

48. Which statement about the table is true?

- A. Cuba is cooler than Barbados.
- B. Trinidad is hotter than Cuba.
- C. Trinidad is hotter than Jamaica.
- D. Cuba is cooler than Jamaica.

49. The length of a fence is 16 m. Which of the following can be used to give the length in cm?

- A. $(16 + 100)$ cm
- B. $(16 - 100)$ cm
- C. (16×100) cm
- D. $(16 \div 100)$ cm

Use the formula below to answer question 50.

50. For which of the following polygons is the formula

“ $\frac{\text{Base} \times \text{Height}}{2}$ ” used to find its area?



51. On Sports Day a student jumped a height of 1 m 61 cm. What was this height in metres?

- A. 161.0 m
- B. 16.1 m
- C. 1.61 m
- D. 0.161 m

Use the table below to answer question 52.

The table shows the height and corresponding mass of some children.

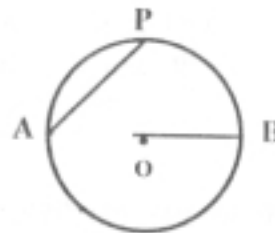
Height	Mass
150 cm	60 kg
100 cm	40 kg
75 cm	30 kg





52. About how tall would be a child whose mass is 20 kg?
- A. 60 cm
B. 50 cm
C. 40 cm
D. 30 cm
53. The area of a square is 64 cm^2 . What is its perimeter?
- A. 64 cm
B. 32 cm
C. 16 cm
D. 8 cm
54. Which of the following is **NOT** a quadrilateral?
- A. a parallelogram
B. a square
C. a rhombus
D. a pentagon

55. A mini bus travelled at 75 km per hour. How far did it travel in 3 hours?

- A. 225 km
B. 215 km
C. 72 km
D. 25 km

Use the diagram to answer question 56.

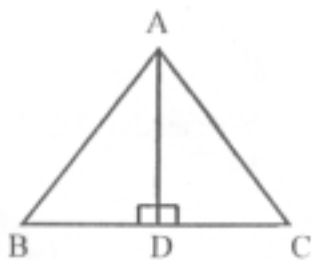


56. Which of the following names a chord?
- A.  AO
B.  OB
C.  AP
D.  BA
57. Which of the following describes the base of a hexagonal pyramid?
- It has _____.
- A. 6 sides
B. 5 sides
C. 4 sides
D. 3 sides

58. Which of the polygons listed below has the least number of sides?

- A. hexagon
- B. pentagon
- C. rectangle
- D. octagon

Use the diagram to answer question 59.



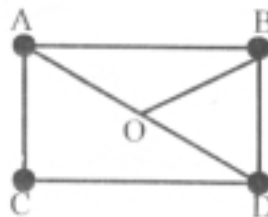
59. Which line segment represents the height of triangle ADC?

- A. AD
- B. BC
- C. BD
- D. AC

60. If all angles in a triangle are the same size, what type of triangle is it?

- A. right
- B. scalene
- C. isosceles
- D. equilateral

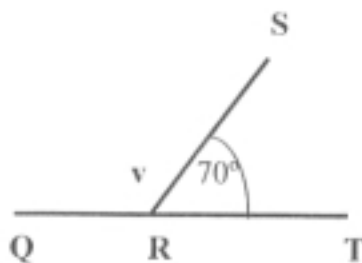
Use the diagram below to answer question 61.



61. Which of the line segments below is a diagonal of the rectangle shown?

- A. AO
- B. BO
- C. AB
- D. AD

Use the diagram below to answer question 62.



62. Which of these can be used to find the size of the angle marked v ?

- A. $360^\circ - 70^\circ$
- B. $180^\circ + 70^\circ$
- C. $180^\circ - 70^\circ$
- D. $90^\circ + 70^\circ$

63. Which of these describes an acute angle?
- A. measures the same as 2 right angles
 - B. measures more than 2 right angles
 - C. measures less than a right angle
 - D. measures the same as a right angle

64. Which of these shapes is **NOT** an example of a polygon?



A



B

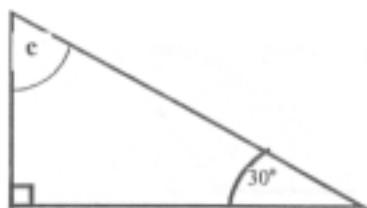


C



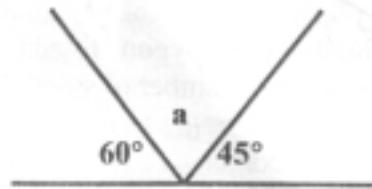
D

Use the diagram below to answer question 65.



65. What is the size of angle c in the triangle above?
- A. 60°
 - B. 90°
 - C. 120°
 - D. 150°

Use this diagram to answer question 66.



66. What is the size of the angle marked "a"?
- A. 255°
 - B. 125°
 - C. 75°
 - D. 65°

67. Which mathematical sentence is **TRUE**?

- A. $8 - 4 = 4 \times 0$
- B. $12 - 4 = 8$
- C. $12 - 4 < 8 \times 0$
- D. $8 - 4 < 4$

68. N marbles were placed in a bag. Six of them were taken out. Which sentence below represents the remainder?

- A. $N + 6 = R$
- B. $N - 6 = R$
- C. $N \times 6 = R$
- D. $N \div 6 = R$

69. Which of these shows another way of writing $\frac{x}{8} = 4$?

- A. $x + 8 = 4$
- B. $x - 8 = 4$
- C. $x \times 8 = 4$
- D. $x \div 8 = 4$

70. Farmer White has some pigs (p) and hens (h) in a pen. He counted the legs of the animals and got 20 in all. Which of these represents the exact number of animals in the pen?

- A. $4p + 4h$
- B. $4p + 2h$
- C. $3p + 3h$
- D. $3p + 2h$

71. Tom had \$10. He bought 2 plums for \$3 each. Which of these can be used to show the correct change he should get?

- A. $\$10 - 2 - 3 = C$
- B. $\$10 + 2 - 3 = C$
- C. $\$10 - (2 \times 3) = C$
- D. $\$10 - (2 + 3) = C$

Use the table below to answer questions 72 - 73.

The table shows the mass of 4 children.

Names	Mass in Kg
Latoya	65
Roger	115
Ricky	89
Fiona	111

72. Which child's mass is less than $\frac{1}{2}$ of the sum of Latoya and Ricky's?

- A. Fiona
- B. Ricky
- C. Roger
- D. Latoya

73. What is the mass of the 4 children?

- A. 380 kg
- B. 360 kg
- C. 280 kg
- D. 260 kg

74. Which statement describes the term "MODE"?

- A. the number that occurs most often in a given sets of scores
- B. the total of a set of given score.
- C. the number that falls mid-way in a given set of scores
- D. the average of a given set of scores

Use the pie chart to answer question 75.

The pie chart shows how Frank uses his weekly allowance.



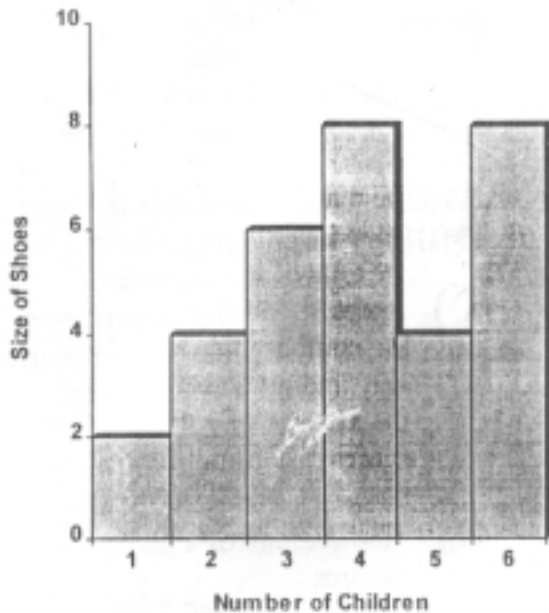
75. From the pie chart, which of the statements below is **true**?

Frank spent more of his allowance on _____

- A. lunch than on bus fare
- B. bus fare than on savings
- C. savings than on video games
- D. video games than on bus fare

Use the graph below to answer question 76.

The graph shows the size of shoes worn by some children.

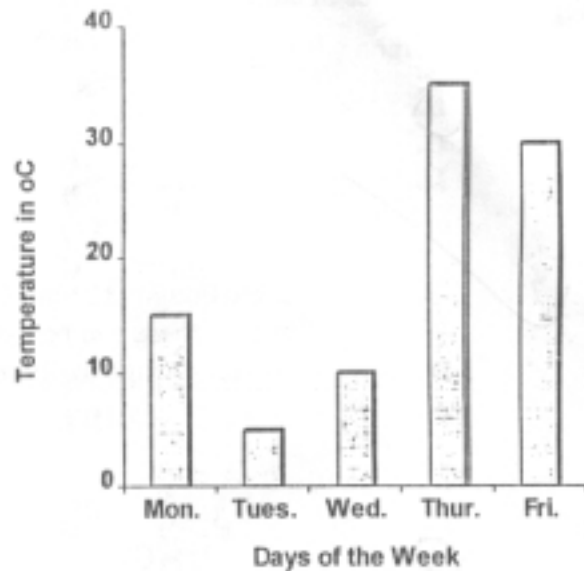


76. Which information does the graph give?

- A. 2 children wear size 8 shoes
- B. 4 children wear size 2 shoes
- C. 3 children wear size 6 shoes
- D. 6 children wear size 6 shoes

Use the graph to answer question 77.

The graph shows the temperature in degrees celsius for 5 days in a particular week.



77. What is the average temperature for the week?

- A. 15°C
- B. 19°C
- C. 95°C
- D. 40°C