




01. Number of balls of different sizes sold in a shop are represented below:

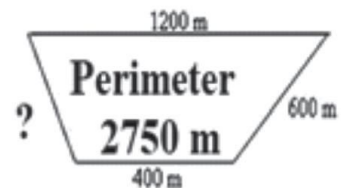
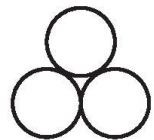
Small	
Medium	
Large	

Key: Each ball represents 5 ball.

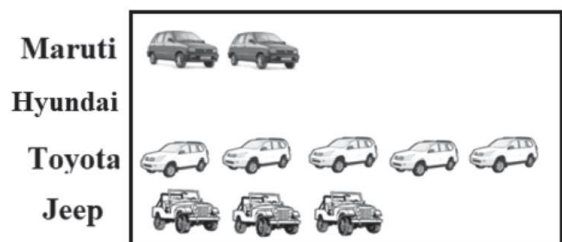
What is the difference in the number of large and small balls ?

- a. 15 b. 20 c. 25 d. 35
02. What is the simplified form of $360 + (-220) + (-50)$?
- a. 90 b. 120 c. 80 d. 130
03. What is the least number which when divided by 6, 12 and 16 leaves in each case a remainder of 4?
- a. 54 b. 52 c. 46 d. 32
04. Karan cycles daily for 2 kms, how many meters does he cycle from Monday to Friday?
- a. 1000 m b. 2000 m c. 5000 m d. 10000 m
05. $CD - C =$ _____
- a. D b. CC c. CCC d. CDC
06. Which of the following statement is false?
- a. -12 is greater than -15 . b. $12 + (-66) = (-24) - 30$
 c. $+14$ is smaller than -13 d. The predecessor of -356 is -357 .
07. Which sign from the following options will replace the box?
 $-45 + (-11) \square -12 - 15$
- a. $>$ b. $=$
 c. $<$ d. both (a) and (c)
08. Fill in the blank.
 $\frac{4}{10} + 0 + \frac{7}{1000} =$ _____
- a. 407 b. 0.0407 c. 0.470 d. 0.407

09. Determine the greatest 3-digit number exactly divisible by 8, 10, 12.
 a. 840 b. 960 c. 976 d. 920
10. A tractor uses 3 litres of diesel while ploughing 12 acres of land. How much diesel will be needed to plough 8 acres of land?
 a. 32 litres b. 30 litres c. 15 litres d. 2 litres
11. If 200 students filled form for entrance test and 180 appeared in test, out of which only 70% have passed the test then number of students who failed the test is
 a. 68 b. 54 c. 58 d. 65
12. $\frac{b}{2} + \frac{b}{4} = 9$, the value of b is _____.
 a. 8 b. 12 c. -12 d. 144
13. If in ΔABC , $m\angle A = 90^\circ$, $AB = 6\text{cm}$, $BC = 8.5\text{cm}$ and $CA = 6\text{cm}$. What is the type of that triangle?
 a. Isosceles right angled triangle b. Equilateral triangle
 c. Scalene right angled triangle d. Acute angled triangle
14. How many lines of symmetry can be drawn through the given figure?
 a. One b. Three
 c. Six d. Nine
15. Find the missing length of the following figure.
 a. 450 m b. 550 m
 c. 600 m d. 650 m
16. The pictograph shows the number of cars of different brands in a box. The number of Hyundai cars is not shown.



Key: Each car represents 3 cars.
 Altogether there are 54 cars in the box.
 How many cars must be drawn in the pictograph to represent the Hyundai cars?



- a. 6 b. 7 c. 8 d. 9

ANSWER KEY

1 c	2 a	3 b	4 d	5 c	6 c	7 c	8 d
9 b	10 d	11 b	12 b	13 a	14 b	15 b	16 c