

**Q1. Multiple choice questions. Tick (✓) the correct option:**

1. The sum of the predecessor and successor of 200 is  
☐ 201                      ☐ 299                      ☐ 400                      ☐ 211
2. Which digit in 69, 82, 374 has the same face and place value?  
☐ 4                      ☐ 3                      ☐ 7                      ☐ 6
3. Which of the following is meaningless?  
☐ LXII                      ☐ LVV                      ☐ XCIX                      ☐ XLIX
4. The number 6882 to the nearest thousand is  
☐ 6890                      ☐ 7000                      ☐ 6900                      ☐ 6000
5. The smallest 5-digit number that remains unchanged when written in reverse order is  
☐ 10001                      ☐ 12321                      ☐ 11111                      ☐ 10000
6. The Hindu-Arabic numeral for the Roman numeral CCCXL is  
☐ 190                      ☐ 360                      ☐ 340                      ☐ 350
7. Estimated value of  $235 \div 16$  is  
☐ 10                      ☐ 20                      ☐ 15                      ☐ 30
8. There are \_\_\_\_\_ millilitres in 7 litres.  
☐ 700                      ☐ 7000                      ☐ 70                      ☐ 70000
9. The product of the place value of two 9's in 39491 is  
☐ 8100                      ☐ 81000                      ☐ 810000                      ☐ 81
10. 1 million = \_\_\_\_\_ lakh  
☐ 10                      ☐ 100                      ☐ 1000                      ☐ 10000
11. Which of the following is not defined?  
☐  $10 \div 2$                       ☐  $0 \div 5$                       ☐  $9 \div 0$                       ☐  $11 \div 11$
12. How many whole numbers are smaller than 9 ?  
☐ 10                      ☐ 2                      ☐ 8                      ☐ 9
13. The whole number p such that  $p \div p = p$  is  
☐ 0                      ☐ 1                      ☐ 2                      ☐ None
14. If a number is divisible by both 3 and 8, then it must necessarily be divisible by  
☐  $3 + 8$                       ☐  $3 \times 8$                       ☐  $8 - 3$                       ☐ 60
15. 16850 is not divisible by  
☐ 2                      ☐ 4                      ☐ 5                      ☐ 10

**Q2. Match the following:**

$$\frac{15}{7}$$

$$3\frac{6}{11}$$

$$\frac{2}{9}, \frac{5}{9}, \frac{7}{9}$$

$$\frac{3}{4}, \frac{3}{7}, \frac{3}{8}$$

$$\frac{11}{12}$$

$$\frac{1}{8}, \frac{1}{9}, \frac{1}{13}$$

Unlike fractions

Unit fractions

Proper fraction

Like fractions

Mixed fractions

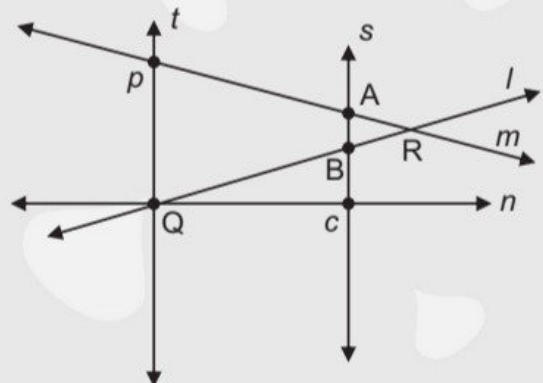
Improper fraction

**Q3. Tick (✓) the correct option:**

- An angle has   line(s) of symmetry.
- A semi-circle has   line(s) of symmetry.
- A   has no line of symmetry.
- The diagonal of a rectangle can be treated as a line of symmetry.
- The number of line(s) of symmetry of letter B is  .
- A   triangle has no line of symmetry.
- An isosceles trapezium has   line(s) of symmetry.
- A   has 4 lines of symmetry.

**Q4. In the given figure, name**

- 4 line segments \_\_\_\_\_.
- 2 rays \_\_\_\_\_.
- 3 lines \_\_\_\_\_.
- Concurrent lines \_\_\_\_\_ and their point of concurrence \_\_\_\_\_.
- Collinear points \_\_\_\_\_ and their line of collinearity \_\_\_\_\_.



Q5. Check the divisibility rule of following numbers and complete the table by putting ✓ or ×.

Number	Divisible by								
	2	3	4	5	6	8	9	10	11
1. 6732									
2. 1997									
3. 39000									
4. 10714									
5. 87705									

Q6. Write the numerator and denominator of each of the following fractions in the table.

Fraction	Numerator	Denominator
$\frac{6}{7}$		
$\frac{5}{11}$		
$\frac{1}{3}$		
$\frac{7}{14}$		
$\frac{4}{9}$		

Q7. Fill in the blanks using grams or kilograms. (g, kg)

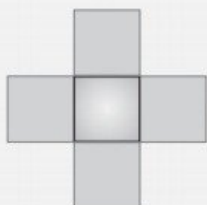
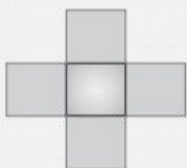
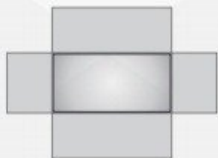
1. A sack of wheat weighs 20 \_\_\_\_\_
2. A gold coin weighs 10 \_\_\_\_\_
3. A crate of mangoes weighs 5 \_\_\_\_\_
4. A packet of spices weighs 50 \_\_\_\_\_
5. A tube of glue weighs 50 \_\_\_\_\_
6. A watermelon weighs 5 \_\_\_\_\_
7. A packet of chips weighs 100 \_\_\_\_\_

Q8. Fill in the blanks to satisfy the relationship between a radius and diameter of the circle.

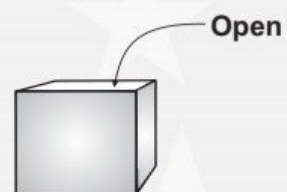
Radius (r)	Diameter (d=2r)	Radius (r)	Diameter (d=2r)
5 cm			74 mm
12.5 cm			1.5 cm
	36 mm	4.5 cm	
6.2 cm	40 mm	8 cm	2 cm

**Q9. Match the nets in Column I with the solids we get on folding shown in Column II.**

**Column I**



**Column II**



**Q10. Fill in the following table.**

S. No.	Figure	Perimeter	Area
1.		12 cm	
2.			15 square cm
3.	<p>Side of the square is</p>		16 square cm
4.	<p>Length of the rectangle is</p>		24 square cm