

11. Write the names of number 87595762 according to Indian System of Numeration.
12. Find $8 \times 1769 \times 125$
13. Simplify: $126 \times 55 + 126 \times 45$
14. Find the common factors of 20 and 28
15. What does the angle made by the hour hand of the clock look like when it moves from 5 to 7.
16. Write the natural numbers from 2 to 12. What fraction of them are prime numbers?
17. What fraction of a day is 8 hours?
18. Find the sum of 137 and -354
19. Write the following numbers with appropriate signs : (a) 100 m below sea level. (b) 25°C above 0°C temperature.
20. Find the product of successor and predecessor of 999.

SECTION – B

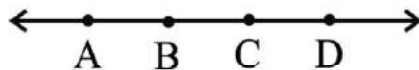
Questions 21 to 26 carry 2 marks each.

21. What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from (a) 3 to 9 (b) 4 to 7?
22. Find the HCF of 15, 25 and 30

OR

Write the smallest 5-digit number and express it in the form of its prime factors.

23. Reduce the following fractions to simplest form : (i) $\frac{48}{60}$ (ii) $\frac{84}{98}$
 24. Estimate the product 5981×4428 by rounding off each number to the nearest hundreds
- OR**
- Give a rough estimate (by rounding off to nearest hundreds) : $439 + 334 + 4,317$
25. Name the line given in all possible (twelve) ways, choosing only two letters at a time from the four given.



26. Represent the following numbers on a number line : (a) $+5$ (b) -10

SECTION – C

Questions 27 to 34 carry 3 marks each.

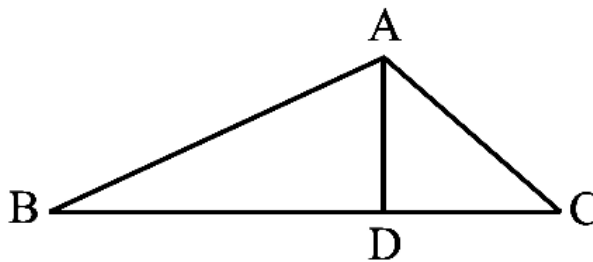
27. Write in Roman Numerals (a) 69 (b) 98 (c) 55
28. Find the product using suitable properties.
(a) 738×103 (b) 854×102

29. Arrange the fractions $\frac{2}{3}$, $\frac{3}{4}$, $\frac{1}{2}$ and $\frac{5}{6}$ in ascending order.

OR

Jaidev takes $2\frac{1}{5}$ minutes to walk across the school ground. Rahul takes $\frac{7}{4}$ minutes to do the same. Who takes less time and by what fraction?

30. (a) Identify three triangles in the figure.
(b) Write the names of seven angles.
(c) Write the names of six line segments.



31. Using divisibility tests, determine which of following two numbers are divisible by 6: (a) 297144
(b) 1258
32. The sum of two integers is 30. If one of the integers is -42 , then find the other.
33. Name the types of following triangles :
(a) Triangle with lengths of sides 7 cm, 8 cm and 9 cm.
(b) $\triangle ABC$ with $AB = 8.7$ cm, $AC = 7$ cm and $BC = 6$ cm.
(c) $\triangle PQR$ such that $PQ = QR = PR = 5$ cm.
34. Draw a rough sketch of a regular hexagon. Connecting any three of its vertices, draw a triangle. Identify the type of the triangle you have drawn.

OR

How many right angles do you make if you start facing

- (a) south and turn clockwise to west?
(b) north and turn anti-clockwise to east?
(c) west and turn to west?

SECTION – D

Questions 35 to 40 carry 4 marks each.

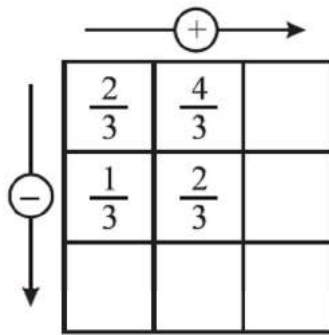
35. The number of sheets of paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?
36. Draw a rough sketch of a quadrilateral PQRS. State,
(a) two pairs of opposite sides,
(b) two pairs of opposite angles,
(c) two pairs of adjacent sides,
(d) two pairs of adjacent angles.
37. In a morning walk, three persons step off together. Their steps measure 80 cm, 85 cm and 90 cm respectively. What is the minimum distance each should walk so that all can cover the same distance in complete steps?

OR

Find the least number which when divided by 6, 15 and 18 leave remainder 5 in each case.

38. A taxidriver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs 44 per litre, how much did he spend in all on petrol?
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39. Complete the addition-subtraction box.



40. Using the number line write the integer which is : (a) 3 more than 5 (b) 5 more than -5

OR

Find the sum :

(a) $(-7) + (-9) + 4 + 16$

(b) $(37) + (-2) + (-65) + (-8)$

