1. Simplify $6\frac{2}{3} - 3\frac{5}{12}$

2. Compare $\frac{5}{6} - \frac{1}{2}$ ☐ $\frac{3}{4} - \frac{2}{3}$

3. Which is smaller: $\frac{5}{6}$ or $\frac{3}{4}$ ?

4. The sum of two fractions is $6\frac{1}{6}$ . If one of the fractions is $2\frac{1}{3}$ , find the other.

5. Find:

   a) $\frac{4}{13}$ of 65cm

   b) $\frac{1}{25}$ of 1000ml

6. Arrange $\frac{3}{4}, \frac{7}{8}, \frac{5}{12}, \frac{11}{24}$ in descending order.

7. Write an equivalent fraction of:

   a) $\frac{8}{9}$ with denominator 54

   b) $\frac{27}{36}$ with numerator 3

8. Reduce $\frac{35}{63}$ to simplest form.

9. Write all the factors of 48.

10. Write the $5^{th}$ and $8^{th}$ multiple of 14.

11. Test the divisibility of the following:

   a) 639210 by 3; 9

   b) 5736 by 4; 8

   c) 183692 by 6

d) 7039452 by 11

12. Find the largest number that will divide 398, 436 and 542 leaving remainder 7, 11 and 15 respectively.

13. Find the smallest 5 digit number which when divided by 4, 12, 20 and 24 leaves a remainder 3 in each case.

14. Four bells ring at intervals of 6, 8, 12 and 20 minutes. They ring simultaneously at 8am. At what time will they ring together?

15. Express the following as an algebraic expression:

a) Each boy eats 5 toffees. How many toffees do 'n' boys eat?

b) 5 more than 3 times p

c) A ball and a kite cost ₹65. If the ball costs ₹ b, what is the cost of the kite?

16. Find the value of $3ab - 4b + 5$ if $a = 4$ and $b = 2$

17. Find the value of $x(2b + c - 3)$ if $b = 6$, $c = 4$ and $x = 2$

18. A rectangular park has breadth 'b'cm. Its length is 5 times the breadth. Express the length of the park in terms of breadth. Also find the length, if breadth is equal to 4cm.
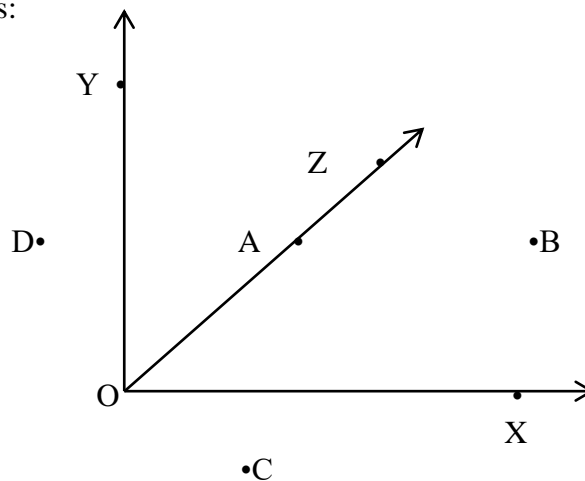
19. In the given figure, name the points:

a) in the interior of $\angle XOZ$
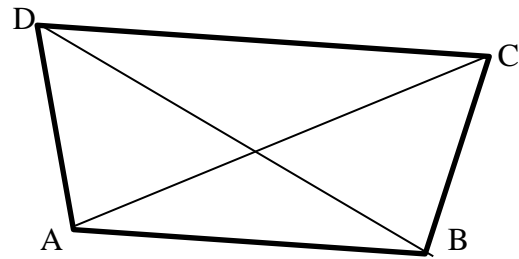
b) in the exterior of $\angle YOZ$

c) on $\angle YOZ$

d) in the interior of $\angle XOY$

20. In quadrilateral ABCD, name the following:

a) Vertices

b) Pair of opposite sides

c) Angles

d) Pair of opposite angles

e) Pair of adjacent sides

f) Diagonals

21. In the figure, name the chords, radii and diameter of the circle.