Fill in the blanks
1. (-3) X 1 = 1 X ( ___ )
2. Predecessor of zero is __________
3. 40.07 X 100 = ________

Solve the following
1. Give the supplement of 116°
2. Sum of complementary angles is always equal to ______
3. Change 25kg 34gm into decimal.
4. Find an angle which is equal to its supplement.
5. Divide 13.6 by 4
6. The weight of 30 packets of butter is 900.30kg. Find the weight of 1 packet.
7. Express 7kg 650gm in kg.
8. The difference in the measure of two complementary angles is 12°. Find the measure.
9. Two angles of a linear pair are in the ratio 3 : 6. Find two angles.
10. Solve (a) 7 - (-4) (b) 140 - (-50)
11. (a) Find the cost of 25.4m of cloth, if cost of 1m cloth is Rs 50.50
    (b) Divide 14.49 by 7
12. Represent 0.75 as fraction.
13. Find the sum of (-4) + 3 +(-5)
14. Write 2 integers just succeeding -7
15. Sum of two integers is -30. If one of them is 15, find the other integer.
16. Simplify using distributive property -37 x 98
17. A cooling machine requires that room temperature to be lowered from 50°c
at the rate of 5°c every hour. What will be the room temperature after 8 hours after process begins?

18. Evaluate \( \{(-16) + 12\} ÷ \{(-4) + 2\} \)
19. Subtract \( 3\frac{1}{2} \) from \( 5\frac{1}{4} \)
20. A bus covers a distance of \( 60\frac{3}{4} \) km in an hour. Find the distance covered by bus in \( 2\frac{2}{3} \) hours.
21. Product of two fractions is \( \frac{3}{4} \). If one of the fraction is \( 7\frac{1}{2} \), then find the other.

22. What are like fractions? Give example.

23. Express 415cm in metres.

24. How much is 37.005 more than 23.5

25. Find area of a square whose side is 6.25m.

26. Divide 0.00942 by 0.314

27. Check whether \( x = 2 \) is the solution of \( 2x + 4 = 15 \) or not.

28. Give first steps you will use to separate the variable and then solve the equation.
   (a) \( 4x = 256 \)
   (b) \( 3t + 12 = 0 \)
   (c) \( \frac{2x}{3} + \frac{5}{2} = 4 \)
   (d) \( 8x - 3 = 9 + 4x \)

29. Mukesh subtract thrice the number of notebooks he has from 50. He finds the result to be 8.

30. The angles of a triangle are in the ratio 1:2:3, Find the angles.

31. A man goes 7m east and then 24m to south. Find his distance from the starting point.

32. The square of diagonal of a square is 1250 cm, find the length of the sides the square.