

I . Solve the following:

a. Find  $11.34 \times 0.2$

b. Evaluate  $[(-8) \times (-7)] \div [(-10) + (-4)]$

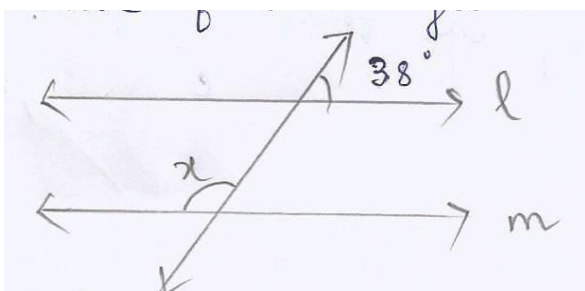
c.  $\frac{1}{4} \div 9$

II. Solve the following:

a. Convert the equation in the form of a statement  $\frac{p}{3} + 1 = 9$

b. Write the equation for the statement  
5 times a number subtracted from 2 is 12

c. If  $l \parallel m$  the measure of the angle x in the figure given is ? (Give reasons)



d. Using the properties of multiplication find the product  $(-102) \times 75$

e. Find  $5\frac{1}{7} \div 3\frac{1}{2}$

III. Solve the following:

a. Solve the equation  $-3(x+2) = 15(x+1)$

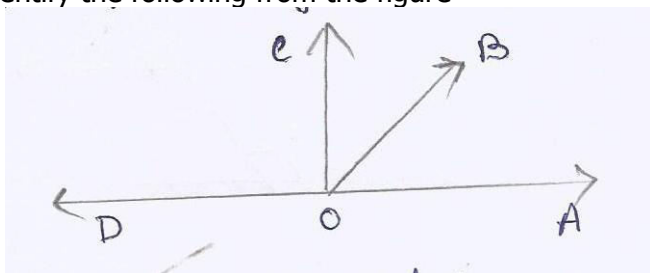
b. The cost of 3 pens and a note book is Rs 24. Find the cost of one pen.

c. Which is greater  $\frac{1}{5}$  of  $\frac{3}{4}$  or  $\frac{1}{8}$  of  $\frac{7}{5}$

IV. Solve the following:

a. The number of workers employed by a construction company for 11 months is given below  
43, 52, 56, 47, 53, 60, 45, 40, 52, 48, 50. Find the mean , median and mode of the given data.

b. Identify the following from the figure



- Three pairs of adjacent angles.
- Two linear pairs.
- A pair of adjacent complementary angles.