



Grade 8

Mathematics

Unit : 17 - Equations

Part I

1) Solve the following equations.

i) $x - 5 = 15$

ii) $3x + 2 = 8$

2) Construct a simple equation for each of the statements given below.

i) When 8 is added to the value x , the result is 13.ii) When 5 is subtracted from three times the value x the result is 10.

3) Fill in the blanks.

i) $2x = 10$

$$\frac{2x}{\square} = \frac{10}{\square}$$

$$\square = 5$$

ii) $\frac{x}{2} = 6$

$$\frac{x}{2} = 6 \times \square$$

$$x = \square$$

4) Join

AB

i) $x + 5 = 9$

6

ii) $x - 7 = 4$

- 60

iii) $\frac{x}{12} = -5$

 $\frac{5}{3}$

iv) $5x = 30$

4

v) The value of y which satisfies $3y = 5$

11

