



VIDYA BHAWAN BALIKA VIDYAPITH

Teaching Learning Material

Class - 7th

Subject - Mathematics

Section - All

Subject teacher - Bandana Kumari

Revision

QUESTIONS:-

- Solve the following by trial and error method:
 - $3x + 4 = 19$
 - $18 = 12 + 2x$
 - $\frac{x}{4} + 3 = 6$
- Write an equation for the following statements:
 - A number divided by 7 gives 3.
 - Twice the sum of x and 5 is 11.
 - Sum of four times of x and 8 is 14.
 - 20 less than a number gives 48.
- Express the following in words:
 - $5p = 12$
 - $x + 8 = 20$
 - $\frac{x}{6} = 3$
 - $\frac{1}{2} \cdot m = 3$
- Solve the following equations:
 - $6(x + 3) = 30$
 - $\frac{x - 5}{2} = 5$

$$(iii) \quad \frac{x}{5} + 3 = 3$$

$$(iv) \quad 3x + 11 = 8$$

5. 54 exceed another number by 8. What is the other number?
6. The product of twice a number and 5 is 60. Find the number.
7. Ravi's father's age is 6 years more than five times Mohan's age. If Ravi's father is 42 years old. Find Mohan's age.
8. The angles of triangle are in ratio 1: 2: 3. Find the angles. [Sum of all angle of triangle is 180° .]

•  **ANSWER OF 28.05.2020**  •

1. (a) $l = 36; b = 12$ (b) $l = 217; b = 21$ (c) 65°

(d) 16, 48 (e) Rajat = 219; Devansh = 73

(f) 3 (g) 9 (h) 167 (i) 8 (j) 6.
