

Grade- VIII

MATHS

1. Transposition

2. $x = 48$

3. $x = 4$

4. $x - 84 = 108 - x$

$x = 96$

5. $2x = 45 + \frac{x}{2}$

$x = 30$

6. $x + 12 = 3(x - 4)$

$x = 12$

My percentage = 12 years

7. $\frac{x-4+1}{x+1} = \frac{1}{2}$

$x = 7$

8. $\frac{4}{7}x = \frac{2}{5}(34 - x)$

$x = 5$

The two parts of 34 are 14 and 20

9. $\frac{7x+10}{5x+10} = 7$

$x = 5$

Therefore present ages of sonu and monu are 35 years and 25 years

10. $\frac{1}{3}x = 8 + \frac{1}{7}(184 - x)$

$x = 72$

The two parts are 72 , 112