

8. let the numbers be $x, x+1, x+2$
according to condition

$$2x + 3(x+1) + 4(x+2) = 74$$

$$\Rightarrow 2x + 3x + 3 + 4x + 8 = 74$$

$$\Rightarrow 9x + 11 = 74$$

$$\Rightarrow 9x = 74 - 11$$

$$\Rightarrow 9x = 63$$

$$\Rightarrow x = \frac{63}{9}$$

$$\Rightarrow x = 7$$

\therefore numbers are 7

$$7+1=8$$

$$7+2=9$$

9. let Rahul's present age = $5x$ years

Harroons present age = $7x$ years

according to condition

$$5x + 4 + 7x + 4 = 56$$

$$\Rightarrow 12x = 56 - 8$$

$$\Rightarrow 12x = 48$$

$$\Rightarrow x = \frac{48}{12}$$

$$\Rightarrow x = 4$$

Rahul's present age = 5×4
= 20 years

Harroons present age = 7×4
= 28 years