

VIII - Ch 2 Linear Equations in one Variable Ex 2.4

NCERT Solutions by Dev Anoop (Bathinda)

10. let's sons present age = x years
Amans present age = $3x$ years
acc. to con.

$$3x - 10 = 5(x - 10)$$

$$\Rightarrow 3x - 10 = 5x - 50$$

$$\Rightarrow 3x - 5x = -50 + 10$$

$$\Rightarrow -2x = -40$$

$$\Rightarrow x = \frac{-40}{-2} = 20$$

$$\Rightarrow x = 20$$

Son's present age = 20 years

Amans present age = 3×20
= 60 years

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