

VIII - Ch 2 Linear Equations in one Variable Ex 2.4

NCERT Solutions by Dev Anoop (Bathinda)

② let Shobos present age = x years
her mothers present age = $6x$ years
according to given condition

$$x + 5 = \frac{1}{3} \times \cancel{6x}^2$$

$$\Rightarrow x - 2x = -5$$

$$\Rightarrow -x = -5$$

$$\Rightarrow x = 5$$

Shobos present age = 5 years

Mother's present age = 6×5
= 30 years

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