

⑤ let Shobos present age = x years
her mothers present age = $6x$ years
according to given condition

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

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

$$\Rightarrow -x = -5$$

$$\Rightarrow x = 5$$

Shobos present age = 5 years

Mothers present age = 6×5
= 30 years