

3 (ii) let laxmis age = x years

acc to con.

$$3x + 4 = 49$$

$$\Rightarrow 3x = 49 - 4$$

$$\Rightarrow x = \frac{45}{3} = 15$$

\therefore laxmis age = 15 years

3 (iii) let no. of fruit trees = x
acc to con.

$$3x + 2 = 77$$

$$\Rightarrow 3x = 77 - 2$$

$$\Rightarrow 3x = 75$$

$$\Rightarrow x = \frac{75}{3}$$

$$\Rightarrow x = 25$$

\therefore no. of fruit trees = 25

4) let no. = x

acc to con.

$$7x + 50 = 300 - 40$$

$$\Rightarrow 7x = 260 - 50$$

$$\Rightarrow 7x = 210$$

$$\Rightarrow x = \frac{210}{7} = 30$$

\therefore number = 30