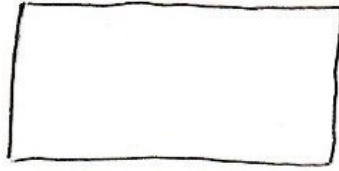


VIII - Ch 2 Linear Equations in one Variable Ex 2.4

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$$l = 11x \text{ m}$$



$$b = 4x \text{ m}$$

length of fence = Perimeter = $\frac{\text{Cost}}{\text{rate}}$

$$2(l+b) = \frac{75000}{100}$$

$$2(11x + 4x) = 750 \text{ m}$$

$$\Rightarrow 30x = 750$$

$$\Rightarrow x = \frac{750}{30} = 25$$

$$\Rightarrow x = 25$$

$$\therefore \text{breadth} = 4 \times 25 = 100 \text{ m}$$

$$\text{length} = 7 \times 25 = 175 \text{ m}$$

VIII - Ch 2 Linear Equations in one Variable Ex 2.4

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