



EXERCISE 10.1

1. Express each of the following as fractions in the simplest form :

(i) 75%

(ii) 0.25%

(iii) $\frac{15}{2}\%$

(iv) 140%

(v) 0.55%

2. Express each of the following as a ratio in the simplest form :

(i) 12%

(ii) 0.25%

(iii) 25%

(iv) 26%

(v) $13\frac{1}{3}\%$

3. Express the following as decimals :

(i) 125%

(ii) 45%

(iii) 2.5%

(iv) $\frac{1}{4}\%$

(v) $6\frac{1}{4}\%$

4. Find :

(i) 70% of ₹ 500

(ii) 0.25% of 96

(iii) 12% of 800

(iv) $6\frac{2}{3}\%$ of 87

(v) 7.5% of 60 kg

(vi) 9% of 6 litres

5. Find the value of x if :

(i) $x\%$ of 125 is 8

(ii) $x\%$ of 1 kg is 50 g

(iii) $x\%$ of 15200 is 1824

(iv) $x\%$ of 110 is 11

(v) $x\%$ of ₹ 320 is ₹ 272