

RD SHARMA

Solutions

Class 7 Maths

Chapter 11

Ex 11.1

Q1. Express each of the following per cents as fractions in the simplest forms:

(i) 45%

$$= \frac{45}{100}$$

$$= \frac{9}{20}$$

(ii) 0.25%

$$= \frac{0.25}{100}$$

$$= \frac{25}{10000}$$

$$= \frac{1}{400}$$

(iii) 150%

$$= \frac{150}{100}$$

$$= \frac{3}{2}$$

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

$$= \frac{6.25}{100}$$

$$= \frac{625}{10000}$$

$$= \frac{1}{16}$$

Q2. Express each of the following fractions as a per cent:

(i) $\frac{3}{4}\%$

$$= \left(\frac{3}{4} \times 100\right)\%$$

$$= 75\%$$

(ii) $\frac{53}{100}\%$

$$= \left(\frac{53}{100} \times 100\right)\%$$

$$= 53\%$$

(iii) $1\frac{3}{5}\%$

$$= \frac{8}{5}$$

$$= (1.6 \times 100)\%$$

$$= 160\%$$

(iv) $\frac{7}{20}\%$

$$= \left(\frac{7}{20} \times 100\right)\%$$

$$= 35\%$$