RD SHARMA

Solutions

Class 7 Maths

Chapter 11

Ex   11.2

Q1. Express each of the following ratios as per cents

(i) 4:5

$$= \frac{4}{5}$$

$$= \left(\frac{4}{5} \times 100\right)\%$$

=80%

(ii) 1:5

$$= \frac{1}{5}$$

$$= \left(\frac{1}{5} \times 100\right)\%$$

=20%

(iii) 11:125

$$= \frac{11}{125}$$

$$= \left(\frac{11}{125} \times 100\right)\%$$

$$= \frac{44}{5}\%$$

Q2. Express each of the following per cents as ratios in simplest forms

(i) 2.5%

$$\frac{2.5}{100}$$

$$= \frac{25}{1000}$$

$$= \frac{1}{40}$$

(ii) 0.4%

$$\frac{0.4}{100}$$

$$= \frac{4}{1000}$$

$$= \frac{1}{250}$$

(iii) $13\frac{3}{4}\%$

$$\frac{13.75}{100}$$

$$= \frac{1375}{10000}$$

$$= \frac{11}{80}$$