

RD SHARMA

Solutions

Class 7 Maths

Chapter 11

Ex 11.3

Q1. Express each of the following per cents as decimals:

(i) 12.5%

$$\begin{aligned} & \frac{12.5}{100} \\ & = 0.125 \end{aligned}$$

(ii) 75%

$$\begin{aligned} & \frac{75}{100} \\ & = 0.75 \end{aligned}$$

(iii) 128.8%

$$\begin{aligned} & \frac{128.8}{100} \\ & = 1.288 \end{aligned}$$

(iv) 0.05%

$$\begin{aligned} & \frac{0.05}{100} \\ & = 0.0005 \end{aligned}$$

Q2. Express each of the following decimals as per cent:

(i) 0.004

$$\begin{aligned} & \frac{4}{1000} \\ & = \left(\frac{4}{1000} \times 100 \right) \% \\ & = 0.4\% \end{aligned}$$

(ii) 0.24

$$\begin{aligned} & \frac{24}{100} \\ & = \left(\frac{24}{100} \times 100 \right) \% \\ & = 24\% \end{aligned}$$

(iii) 0.02

$$\begin{aligned} & \frac{2}{100} \\ & = \left(\frac{2}{100} \times 100 \right) \% \\ & = 2\% \end{aligned}$$

(iv) 0.275

$$\begin{aligned} & \frac{275}{1000} \\ & = \left(\frac{275}{1000} \times 100 \right) \% \\ & = 27.5\% \end{aligned}$$

Q3. Write each of the following as whole numbers or mixed numbers:

(i) 136%

$$\begin{aligned} & = \frac{136}{100} \\ & = \frac{34}{25} \end{aligned}$$

(ii) 250%

$$\begin{aligned} & = \frac{250}{100} \\ & = \frac{5}{2} \end{aligned}$$

(iii) 300%

$$\begin{aligned} & = \frac{300}{100} \\ & = 3 \end{aligned}$$