EXERCISE 11.3 **PAGE NO: 11.5**

1. Express each of the following percents as decimals:
(i) 12.5%
(ii) 75%
(iii) 128.8%
(iv) 0.05%

Solution:
(i) Given 12.5%
= (12.5/100)
= 0.125

(ii) Given 75%
= (75/100)
= 0.75

(iii) Given 128.8%
= (128.8/100)
= 1.288

(iv) Given 0.05%
= (0.05/100)
= 0.0005

2. Express each of the following decimals as per cents:
(i) 0.004
(ii) 0.24
(iii) 0.02
(iv) 0.275

Solution:
(i) Given 0.004
0.004 can be written as 4/1000
= (4/1000) × 100
= 0.4%

(ii) Given 0.24
0.24 can be written as (24/100)
= (24/100) × 100
= 24%

(iii) Given 0.02
0.02 can be written as (2/100)
= (2/100) × 100
= 2%

(iv) Given 0.275
0.275 can be written as (275/1000)
= (275/1000) × 100
= 27.5%

3. Write each of the following as whole numbers or mixed numbers:
(i) 136%
(ii) 250%
(iii) 300%

Solution:
(i) Given 136%
= (136/100)
On simplifying we get
= (34/25)

(ii) Given 250%
= (250/100)
On simplifying
= (5/2)

(iii) Given 300%
= (300/100)
= 3