

3 decimals

Exercise - 3A

1) Convert each of the following into a fraction in its simplest form.

1) .2

Ans $\frac{2}{10}$

2) .75

Ans $\frac{75}{100}$

3) .06

Ans $\frac{6}{100}$

4) .285

Ans $\frac{285}{1000}$

2) Convert each of the following as a mixed fraction

1) 5.6

Ans $5\frac{3}{5}$

4) 4.625

Ans $4\frac{5}{8}$

2) 12.25

Ans $12\frac{1}{4}$

3) 6.004

Ans $6\frac{1}{250}$

3) Convert each of the following into decimal

$$1) \frac{47}{10}$$

Ans 4.7

$$5) \frac{25}{2}$$

Ans 3.125

$$2) \frac{156}{100}$$

Ans 1.56

$$6) \frac{32}{5}$$

Ans 3.4

$$3) \frac{2516}{1000}$$

Ans 25.16

$$7) \frac{22}{25}$$

Ans 2.08

$$4) \frac{3524}{1000}$$

Ans 3.524

$$8) \frac{17}{20}$$

Ans 0.85

4) Convert each of the following into like decimals

$$1) 6.5, 16.03, 0.274, 119.4$$

Ans 6.500, 16.030, 0.274, 119.400

$$2) 3.5, 0.67, 15.6, 4$$

Ans 3.50, 0.67, 15.60, 4.00

5) Fill in each of the place holders with the correct symbols $>$ or $<$

$$1) 78.23 > 69.85 \quad 3) 5.68 < 5.26$$

$$2) 3.406 < 3.46 \quad 4) 14.05 > 14.005$$

$$5) 1.85 > 1.805 \quad 6) 0.98 < 1.07$$

6) Arrange the following into ascending order
1) 4.6, 7.4, 4.58, 7.32, 4.06
Ans 4.06, 4.6, 4.58, 7.4, 7.32

2) 0.5, 5.5, 0.05, 5.55
Ans 0.05, 0.5, 5.05, 5.5, 5.55

3) 6.84, 6.48, 6.8, 6.4, 6.08
Ans 6.08, 6.4, 6.48, 6.8, 6.84

4) 2.2, 2.202, 2.02, 22.2, 2.002
Ans 2.002, 2.02, 2.2, 2.202, 22.2

7) Arrange the following into descending order
1) 7.4, 8.34, 74.4, 7.44, 0.74
Ans 74.4, 8.34, 7.44, 7.4, 0.74

2) 2.6, 2.26, 2.06, 2.007, 2.3
Ans 2.6, 2.3, 2.26, 2.06, 2.007

8) Express 45 mm, in cm, m and km
Ans $45\text{ m} = 4.5\text{ cm} = 0.045\text{ m} = 0.000045\text{ km}$

9) Express as rupee using decimals
1) Ans 8 paise 2) 9 rupee 75 paise 3) 8 rupee 50 paise
Ans 0.08 Ans 9.75 Ans 8.05

10) Express in km decimals

1) 65 m 2) 284 m 3) 3 km 5 m
Ans 0.065 km Ans 0.284 km Ans 3.005 km