



Exercise 7E

Q1

Answer :

(c) 0.7

$$\frac{7}{10} = 7 \text{ tenths} = 0.7$$

Q2

Answer :

(d) 0.05

$$\frac{5}{100} = 5 \text{ hundredths} = 0.05$$

Q3

Answer :

(b) 0.009

$$\frac{9}{1000} = 9 \text{ thousandths} = 0.009$$

Q4

Answer :

(a) 0.016

$$\frac{16}{1000} = 16 \text{ thousandths} = 0.016$$

Q5

Answer :

(c) 0.134

$$\frac{134}{1000} = 134 \text{ thousandths} = 0.134$$

Q6

Answer :

(a) 2.17

$$2\frac{17}{100} = 2 + \frac{17}{100} = 2 + 0.17 = 2.17$$

Q7

Answer :

(b) 4.03

$$4\frac{3}{100} = 4 + \frac{3}{100} = 4 + 0.03 = 4.03$$

Q8

Answer :

b)

$$6.25 = 6 + 0.25 = 6 + = 6 + \frac{1}{4} = 6\frac{1}{4}$$

Q9

Answer :

(b) 0.24

$$\frac{6}{25} = 0.24$$

$$\begin{array}{r}
 \text{25) 60 (0.24} \\
 \underline{-50} \\
 100 \\
 \underline{-100} \\
 0
 \end{array}$$

Q10

Answer :

(c) 4.875

$$4\frac{7}{8} = 4 + \frac{7}{8} = 4 + 0.875 = 4.875$$

Q11

Answer :

(a) $24\frac{4}{5}$

$$24.8 = 24 + 0.8 = 24 + \frac{8}{10} = 24 + \frac{4}{5} = 24\frac{4}{5}$$

Q12

Answer :

(b) 2.04

$$2\frac{1}{25} = 2 + \frac{1}{25} = 2 + 0.04 = 2.04$$

Q13

Answer :

(c) 2.34

$$2 + \frac{3}{10} + \frac{4}{100} = 2 + 0.3 + 0.04 = 2.34$$

Q14

Answer :

(b) 2.06

$$2 + \frac{6}{100} = 2 + 0.06 = 2.06$$

Q15

Answer :

(c) 0.0407

$$\frac{4}{100} + \frac{7}{10000} = 0.04 + 0.0007 = 0.0407$$

Q16

Answer :

$$(c) \left(2 \times 1\right) + \left(6 \times \frac{1}{100}\right)$$

$$2.06 = 2 +$$

$$\frac{6}{100} \left(2 \times 1\right) + \left(6 \times \frac{1}{100}\right)$$

Q17

Answer :

(d) 2.66

Converting the given decimals into like decimals:

2.600, 2.006, 2.660 and 2.080

Among the given decimals, 2.660 is the largest.

Q18

Answer :

$$(b) 2.002 < 2.02 < 2.2 < 2.222$$

Converting the given decimals into like decimals:

2.002, 2.020, 2.200, 2.222

$$\therefore 2.002 < 2.02 < 2.2 < 2.222$$

Q19

Answer :

(a) 2.1

If we convert the given decimals into like decimals, we get 2.100 and 2.055.

At tenths place, 1 is greater than 0. Thus, 2.100 is greater than 2.055.

*****END*****