



Exercise 7B

Q1

Answer :

We have:

$$.9 = \frac{9}{10}$$

Q2

Answer :

We have:

$$0.6 = \frac{6}{10} = \frac{3}{5}$$

Q3

Answer :

We have:

$$0.08 = \frac{8}{100} = \frac{4}{50} = \frac{2}{25}$$

Q4

Answer :

We have:

$$0.15 = \frac{15}{100} = \frac{3}{20}$$

Q5

Answer :

We have:

$$0.48 = \frac{48}{100} = \frac{12}{25}$$

Q6

Answer :

We have:

$$0.053 = \frac{53}{1000}$$

Q7

Answer :

We have:

$$0.125 = \frac{125}{1000} = \frac{25}{200} = \frac{5}{40} = \frac{1}{8}$$

Q8

Answer :

We have:

$$0.224 = \frac{224}{1000} = \frac{56}{250} = \frac{28}{125}$$

Q9

Answer :

We have:

$$6.4 = \frac{64}{10} = \frac{32}{5} = 6\frac{2}{5}$$

Q10

Answer :

We have:

$$16.5 = \frac{165}{10} = \frac{33}{2} = 16\frac{1}{2}$$

Q11

Answer :

We have:

$$8.36 = \frac{836}{100} = \frac{209}{25} = 8\frac{9}{25}$$

Q12

Answer :

We have:

$$4.275 = \frac{4275}{1000} = \frac{171}{40} = 4\frac{11}{40}$$

Q13

Answer :

We have:

$$25.06 = \frac{2506}{100} = \frac{1253}{50} = 25\frac{3}{50}$$

Q14

Answer :

We have:

$$7.004 = \frac{7004}{1000} = \frac{1751}{250} = 7\frac{1}{250}$$

Q15

Answer :

We have:

$$2.052 = \frac{2052}{1000} = \frac{513}{250} = 2 \frac{13}{250}$$

Q16

Answer :

We have:

$$3.108 = \frac{3108}{1000} = \frac{777}{250} = 3 \frac{27}{250}$$

Q17

Answer :

We have:

$$\frac{23}{10} = 2 \frac{3}{10} = 2 + 0.3 = 2.3$$

Q18

Answer :

We have:

$$\frac{167}{100} = 1 \frac{67}{100} = 1 + 0.67 = 1.67$$

Q19

Answer :

We have:

$$\frac{1589}{100} = 15 \frac{89}{100} = 15 + 0.89 = 15.89$$

Q20

Answer :

We have:

$$\frac{5413}{1000} = 5 \frac{413}{1000} = 5 + 0.413 = 5.413$$

Q21

Answer :

We have:

$$\frac{21415}{1000} = 21 \frac{415}{1000} = 21 + 0.415 = 21.415$$

Q22

Answer :

$$\begin{array}{r} 4 \overline{) 25} (6.25 \\ \underline{24} \\ 10 \\ \underline{8} \\ 20 \\ \underline{20} \\ \times \end{array}$$

We have:

$$\frac{25}{4} = 6 \frac{1}{4} = 6 + 0.25 = 6.25$$

Q23

Answer :

$$\begin{array}{r} 3 \frac{3}{5} = \frac{18}{5} \\ 5 \overline{) 18} (3.6 \\ \underline{15} \\ 30 \\ \underline{30} \\ \times \end{array}$$

We have:

$$3 \frac{3}{5} = 3 + 0.6 = 3.6$$

Q24

Answer :

$$\begin{array}{r} 1 \frac{4}{25} = \frac{29}{25} \\ 25 \overline{) 29} (1.16 \\ \underline{25} \end{array}$$

$$\begin{array}{r}
 40 \\
 25 \\
 \hline
 150 \\
 150 \\
 \hline
 \times \\
 \hline
 \end{array}$$

We have:

$$1 \frac{4}{25} = 1 + 0.16 = 1.16$$

***** END *****