Exercise 3D

Q1

Answer :

We have the following:

(i) $131.6 \div 10 = \frac{131.6}{10} = 13.16$ [Shift the decimal point to the left by 1 place]

(ii) $32.56 \div 10 = \frac{32.56}{10} = 3.256$ [Shift the decimal point to the left by 1 place]

(iii) $4.38 \div 10 = \frac{4.38}{10} = 0.438$ [Shift the decimal point to the left by 1 place]

(iv) $0.34 \div 10 = \frac{0.34}{10} = 0.034$ [Shift the decimal point to the left by 1 place]

(v) $0.08 \div 10 = \frac{0.08}{10} = 0.008$ [Shift the decimal point to the left by 1 place]

(vi) $0.062 \div 10 = \frac{0.062}{10} = 0.0062$ [Shift the decimal point to the left by 1 place]

Q2

Answer :

We have the following:

(i) $137.2 \div 100 = \frac{137.2}{100} = 1.372$ [Shifting the decimal point to the left by 2 places]

(ii) $23.4 \div 100 = \frac{23.4}{100} = 0.234$ [Shifting the decimal point to the left by 2 places]

(iii) $4.7 \div 100 = \frac{4.7}{100} = 0.047$ [Shifting the decimal point to the left by 2 places]

(iv) $0.3 \div 100 = \frac{0.3}{100} = 0.003$ [Shifting the decimal point to the left by 2 places]

(v) $0.58 \div 100 = \frac{0.58}{100} = 0.0058$ [Shifting the decimal point to the left by 2 places]

(vi) $0.02 \div 100 = \frac{0.02}{100} = 0.0002$ [Shifting the decimal point to the left by 2 places]

Q3

Answer :

We have the following:

(i) $1286.5 \div 1000 = \frac{1286.5}{1000} = 1.2865$ [Shift the decimal point to the left by 3 places]

(ii) $354.16 \div 1000 = \frac{354.16}{1000} = 0.35416$ [Shift the decimal point to the left by 3 places]

(iii) $38.9 \div 1000 = \frac{38.9}{1000} = 0.0389$ [Shift the decimal point to the left by 3 places]

(iv) $4.6 \div 1000 = \frac{4.6}{1000} = 0.0046$ [Shift the decimal point to the left by 3 places]

(v) $0.8 \div 1000 = \frac{0.8}{1000} = 0.0008$ [Shift the decimal point to the left by 3 places]

(vi) $2 \div 1000 = \frac{2}{1000} = 0.002$ [Shift the decimal point to the left by 3 places]

Q4

Answer :

(i) $12 \div 8 = \frac{12}{8} = \frac{3}{2}$

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\begin{array}{r}
1.5 \\
2\overline{)\,3\,(} \\
\underline{-2} \\
10 \\
\underline{-10} \\
\times
\end{array}
$$

********** END **********