



Exercise 3D

(vii) We have:

$$\begin{array}{r} 0.765 \div 9 \\ 9 \overline{)0.765} (0.085 \\ \underline{-0} \phantom{00} \\ 076 \phantom{00} \\ \underline{-72} \phantom{00} \\ 45 \phantom{00} \\ \underline{-45} \phantom{00} \\ \times \end{array}$$

$$\therefore 0.765 \div 9 = 0.085$$

(viii) We have:

$$\begin{array}{r} 0.768 \div 16 \\ 16 \overline{)0.768} (0.048 \\ \underline{-0} \phantom{00} \\ \times 76 \phantom{00} \\ \underline{-64} \phantom{00} \\ 128 \phantom{00} \\ \underline{-128} \phantom{00} \\ \times \end{array}$$

$$\therefore 0.768 \div 16 = 0.048$$

(ix) We have:

$$0.175 \div 25$$

$$\begin{aligned} &= \frac{0.175}{25} \\ &= \frac{0.175 \times 1000}{25 \times 1000} \\ &= \frac{175}{25 \times 1000} \\ &= \frac{7}{1000} \\ &= 0.007 \end{aligned}$$

(x) We have:

$$0.3322 \div 11$$

$$\begin{array}{r} 11 \overline{) 0.3322} ( 0.0302 \\ \underline{-0} \\ \times 3 \\ \underline{-0} \\ 33 \\ \underline{-33} \\ \times 2 \\ \underline{-0} \\ 22 \\ \underline{-22} \\ \times \end{array}$$

$$\therefore 0.3322 \div 11 = 0.0302$$

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(xi) We have:

$$2.13 \div 15$$

$$\begin{array}{r} 0.142 \\ 15 \overline{) 2.130} \leftarrow \text{one zero annexed} \\ \underline{-0} \\ 21 \\ \underline{-15} \\ 63 \\ \underline{-60} \\ 30 \\ \underline{-30} \\ \times \end{array}$$

$$\therefore 2.13 \div 15 = 0.142$$

(xii) We have:

$$6.54 \div 12$$

\*\*\*\*\* END \*\*\*\*\*