

12. Decimal Multiplication

a)

$$\begin{aligned}0.4 \times 3 &= 4 \times \frac{1}{10} \times 3 \\&= 4 \times 3 \times \frac{1}{10} \\&= 12 \times \frac{1}{10} \\&= 1.2\end{aligned}$$

$$\begin{aligned}0.25 \times 4 &= 25 \times \frac{1}{100} \times 4 \\&= 25 \times 4 \times \frac{1}{100} \\&= 100 \times \frac{1}{100} \\&= 1\end{aligned}$$

$$\begin{aligned}0.6 \times 0.4 &= 6 \times \frac{1}{10} \times 4 \times \frac{1}{10} \\&= 6 \times 4 \times \frac{1}{10} \times \frac{1}{10} \\&= 24 \times \frac{1}{100} \\&= 0.24\end{aligned}$$

$$\begin{aligned}1.5 \times 1.2 &= 15 \times \frac{1}{10} \times 12 \times \frac{1}{10} \\&= 15 \times 12 \times \frac{1}{10} \times \frac{1}{10} \\&= 180 \times \frac{1}{100} \\&= 1.8\end{aligned}$$

12. Decimal Multiplication

b)

$$0.7 \times 5 = \text{[]}$$

c)

$$0.3 \times 0.7 = \text{[]}$$

d)

$$1.2 \times 4 = \text{[]}$$

12. Decimal Multiplication

e)

$$2.5 \times 0.8 = \boxed{}$$

f)

$$0.45 \times 6 = \boxed{}$$