

1. Estimate the product of each.

$$\begin{array}{r} \text{a)} \quad 46 \\ \times \quad 2.6 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b)} \quad 9.2 \\ \times \quad 68 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c)} \quad 5.52 \\ \times \quad 7.6 \\ \hline \end{array}$$

Estimates will vary. Actual products are given.

a) 119.6

b) 625.6

c) 41.952

2. Find the product of each.

$$\begin{array}{r} \text{a)} \quad 287 \\ \times \quad 0.06 \\ \hline \text{17.22} \end{array}$$

$$\begin{array}{r} \text{b)} \quad 59.6 \\ \times \quad 748 \\ \hline \text{44,580.8} \end{array}$$

$$\begin{array}{r} \text{c)} \quad 0.356 \\ \times \quad 93 \\ \hline \text{33.108} \end{array}$$

$$\begin{array}{r} \text{d)} \quad 0.8 \\ \times \quad 0.5 \\ \hline \text{0.40} \end{array}$$

$$\begin{array}{r} \text{e)} \quad 30.9 \\ \times \quad 2.7 \\ \hline \text{83.43} \end{array}$$

$$\begin{array}{r} \text{f)} \quad \$3.04 \\ \times \quad 0.18 \\ \hline \text{\$0.5472} \rightarrow \text{\$0.55} \end{array}$$

3. Estimate the quotient of each.

$$\text{a)} \quad 4.8 \overline{)2,950}$$

$$\text{b)} \quad 83 \overline{)241.95}$$

$$\text{c)} \quad 62 \overline{)\$4,721.56}$$

Estimates will vary. Actual quotients are given.

a) 614.58333

b) 2.9150602

c) \\$76.154193

4. Find the quotient of each.

$$\begin{array}{r} \text{a)} \quad 91 \overline{)136.5} \\ \hline \text{a) 1.5} \end{array}$$

$$\begin{array}{r} \text{b)} \quad 25 \overline{)\$1,045.25} \\ \hline \text{b) \$41.81} \end{array}$$

$$\begin{array}{r} \text{c)} \quad 73 \overline{)14.892} \\ \hline \text{c) 0.204} \end{array}$$

5. Find the quotient of each. Round your quotient to the nearest hundredth.

$$\begin{array}{r} \text{a)} \quad 183 \overline{)1.27} \\ \hline \text{a) 0.0069398} \rightarrow \text{0.01} \end{array}$$

$$\begin{array}{r} \text{b)} \quad 48 \overline{)\$1,912.00} \\ \hline \text{b) \$39.833} \rightarrow \text{\$39.83} \end{array}$$

$$\begin{array}{r} \text{c)} \quad 25 \overline{)5.2} \\ \hline \text{c) 0.208} \rightarrow \text{0.21} \end{array}$$

6. Find the quotient of each.

$$\begin{array}{r} \text{a)} \quad 1.2 \overline{)10.8} \\ \hline \text{a) 9} \end{array}$$

$$\begin{array}{r} \text{b)} \quad 22.4 \overline{)0.448} \\ \hline \text{b) 0.02} \end{array}$$

$$\begin{array}{r} \text{c)} \quad 0.16 \overline{)12.15} \\ \hline \text{c) 75.9375} \end{array}$$