

Rewrite each problem in the appropriate format, show all steps, and circle your answers.

1. $42 \cdot 0.4$

$$\begin{array}{r} 42 \\ \times .4 \\ \hline 168 \end{array}$$

16.8

2. $0.6 \cdot 0.3$

$$\begin{array}{r} 0.6 \\ \times 0.3 \\ \hline 18 \end{array}$$

.18

3. $1.5 \cdot 0.15$

$$\begin{array}{r} 1.5 \\ \times .15 \\ \hline .75 \\ + 150 \\ \hline 225 \end{array}$$

.225

4. $0.4 \cdot 0.2$

$$\begin{array}{r} 4 \frac{1}{10} \\ \times 2 \frac{1}{10} \\ \hline 8 \frac{1}{100} \end{array}$$

.08

5. $2.43 \div 3$

$$\begin{array}{r} .81 \\ 3 \overline{) 2.43} \\ -24 \downarrow \\ \hline 3 \end{array}$$

.81

6. $84.24 \div 6$

$$\begin{array}{r} 14.04 \\ 6 \overline{) 84.24} \\ -6 \downarrow \\ \hline 24 \\ -24 \downarrow \\ \hline 024 \\ -24 \\ \hline 0 \end{array}$$

14.04

7. $43.2 \div 5$

$$\begin{array}{r} 8.64 \\ 5 \overline{) 43.20} \\ -40 \downarrow \\ \hline 32 \\ -30 \downarrow \\ \hline 20 \end{array}$$

8.64

8. $1.45 \div 0.4$

$$\begin{array}{r} 3.625 \\ 4 \overline{) 14.500} \\ -12 \downarrow \\ \hline 25 \\ -24 \downarrow \\ \hline 10 \\ -8 \downarrow \\ \hline 20 \end{array}$$

3.625

9. $0.25 \cdot 0.4$

$$\begin{array}{r} .25 \rightarrow 2 \\ \times .04 \rightarrow 2 \\ \hline \underline{100} \rightarrow 4 \end{array}$$

$.01$

10. $8.2 \cdot 2.5$

$$\begin{array}{r} 8.2 \quad \frac{1}{10} \\ \times 2.5 \quad \frac{1}{10} \\ \hline .410 \\ 1640 \\ \hline \underline{2050} \quad \frac{1}{100} \end{array}$$

20.5

11. $2.65 \cdot 1.5$

$$\begin{array}{r} 2.65 \quad \frac{1}{100} \\ \times 1.5 \quad \frac{1}{10} \\ \hline 1325 \\ 2650 \\ \hline \underline{3975} \quad \frac{1}{1000} \end{array}$$

3.975

12. $42.6 \div 8$

$$\begin{array}{r} 5.325 \\ 8 \overline{) 42.600} \\ \underline{-40} \downarrow \\ 26 \\ \underline{-24} \downarrow \\ 20 \\ \underline{-16} \downarrow \\ 40 \end{array}$$

5.325

13. $6.25 \div 25$

$$\begin{array}{r} .25 \\ 25 \overline{) 6.25} \\ \underline{-50} \downarrow \\ 125 \\ \underline{-125} \\ 0 \end{array}$$

$.25$

14. $1.47 \div 0.3$

$$\begin{array}{r} .3 \overline{) 1.47} \\ \times 10 \quad \times 10 \\ \hline 3 \overline{) 14.7} \\ \underline{-12} \downarrow \\ 27 \end{array}$$

4.9