

Dividing Decimals Extra Practice. Round to thousandth place as necessary.

1. $4\overline{)6.4}$

2. $\frac{78.5}{5}$

3. $34.5 \div 6$

4. $0.7\overline{)9.1}$

5. $5.33 \div 0.9$

6. $25.18 \div 0.3$

7. $42\overline{)150.6}$

8. $2.5\overline{)80.75}$

9. $3.3\overline{)1.15}$

$$10. \frac{48.4}{0.28}$$

$$11. 47.13 \div 1.5$$

$$12. 2.87 \div 3.5$$

$$13. 1.2 \overline{)4.32}$$

$$14. 0.45 \overline{)3.9}$$

$$15. 0.016 \overline{)6.5132}$$

Answer

1.

$$\begin{array}{r} 1.6 \\ 4 \overline{) 6.4} \\ \underline{-4} \downarrow \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

2.

$$\begin{array}{r} 15.7 \\ 5 \overline{) 78.5} \\ \underline{-5} \downarrow \downarrow \\ 28 \\ \underline{-25} \downarrow \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

3.

$$\begin{array}{r} 5.75 \\ 6 \overline{) 34.50} \\ \underline{-30} \downarrow \downarrow \\ 45 \\ \underline{-42} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

4.

$$0.7 \overline{) 9.1} = 7 \overline{) 91} \begin{array}{r} 13 \\ \underline{-7} \downarrow \\ 21 \\ \underline{-21} \\ 0 \end{array}$$

5.

$$0.9 \overline{) 5.33} = 9 \overline{) 53.300} \begin{array}{r} 5.922 \\ \underline{-45} \downarrow \downarrow \downarrow \\ 83 \\ \underline{-81} \downarrow \downarrow \\ 20 \\ \underline{-18} \downarrow \\ 20 \\ \underline{-18} \\ 2 \end{array}$$

6.

$$42 \overline{) 150.6000} = 3.11 \begin{array}{r} 3.1095 \\ \underline{-126} \downarrow \downarrow \downarrow \downarrow \\ 46 \\ \underline{-42} \downarrow \downarrow \downarrow \\ 400 \\ \underline{-378} \downarrow \\ 220 \\ \underline{-210} \\ 10 \end{array}$$

7.

$$\begin{array}{r}
 3.1095 \\
 42 \overline{) 150.6000} = 3.11 \\
 \underline{-126} \quad \downarrow \downarrow \downarrow \downarrow \\
 46 \\
 \underline{-42} \quad \downarrow \downarrow \downarrow \\
 400 \\
 \underline{-378} \quad \downarrow \\
 220 \\
 \underline{-210} \\
 10
 \end{array}$$

8.

$$\begin{array}{r}
 32.3 \\
 2.5 \overline{) 80.75} = 25 \overline{) 807.5} \\
 \underline{-75} \quad \downarrow \downarrow \\
 57 \\
 \underline{-50} \quad \downarrow \\
 75 \\
 \underline{-75} \\
 0
 \end{array}$$

9.

$$\begin{array}{r}
 0.318 \\
 3.3 \overline{) 1.15} = 33 \overline{) 115.00} \\
 \underline{-99} \quad \downarrow \downarrow \\
 60 \\
 \underline{-33} \quad \downarrow \\
 270 \\
 \underline{-264} \\
 6
 \end{array}$$

10.

$$\begin{array}{r}
 172.872 \\
 0.28 \overline{) 48.4} = 28 \overline{) 484.00} \\
 \underline{-28} \quad \downarrow \downarrow \downarrow \downarrow \\
 204 \\
 \underline{-196} \quad \downarrow \downarrow \downarrow \downarrow \\
 80 \\
 \underline{-56} \quad \downarrow \downarrow \downarrow \\
 245 \\
 \underline{-224} \quad \downarrow \downarrow \\
 210 \\
 \underline{-204} \quad \downarrow \\
 60 \\
 \underline{-56} \\
 4
 \end{array}$$

11.

$$\begin{array}{r}
 31.413 \\
 1.5 \overline{) 47.12} = 15 \overline{) 471.200} \\
 \underline{-45} \quad \downarrow \downarrow \downarrow \downarrow \\
 21 \\
 \underline{-15} \quad \downarrow \downarrow \downarrow \\
 62 \\
 \underline{-60} \quad \downarrow \downarrow \\
 20 \\
 \underline{-15} \quad \downarrow \\
 50 \\
 \underline{-45} \\
 5
 \end{array}$$

12.

$$\begin{array}{r}
 0.82 \\
 3.5 \overline{) 2.87} = 35 \overline{) 287.0} \\
 \underline{-280} \quad \downarrow \\
 70 \\
 \underline{-70} \\
 0
 \end{array}$$

13.

$$1.2 \overline{) 4.32} = 12 \overline{) 43.2}$$

3 . 6	
4 3 . 2	
-3 6	↓
7 2	
-7 2	↓
0	

14.

$$0.45 \overline{) 3.9} = 45 \overline{) 390.000} = 8.667$$

8 . 6 6 6	
3 9 0 . 0 0 0	= 8.667
-3 6 0	↓ ↓ ↓
3 0 0	
-2 7 0	↓ ↓
3 0 0	
-2 7 0	↓
3 0 0	
-2 7 0	
3 0	

15.

$$0.016 \overline{) 6.5132} = 16 \overline{) 6513.2000}$$

4 0 7 . 0 7 5	
6 5 1 3 . 2 0 0	
-6 4	↓ ↓ ↓ ↓ ↓
1 1 3	
-1 1 2	↓ ↓ ↓
1 2 0	
-1 1 2	↓
8 0	
8 0	
0	