

Dividing Decimals by Whole Numbers

Find each quotient.

1) $20.4 \div 6$

2) $1.19 \div 7$

3) $29.7 \div 3$

4) $9.56 \div 4$

5) $627.2 \div 8$

6) $6.027 \div 7$

7) $556.7 \div 19$

8) $64.95 \div 15$

9) $81.29 \div 22$

10) $814.8 \div 35$

11) $43.038 \div 36$

12) $96.651 \div 45$

Dividing Decimals by Whole Numbers

Date _____ Period _____

Find each quotient.

1) $20.4 \div 6$

$$\begin{array}{r} 3.4 \\ 6 \overline{) 20.4} \\ \underline{-18} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

3.4

2) $1.19 \div 7$

$$\begin{array}{r} 0.17 \\ 7 \overline{) 1.19} \\ \underline{-7} \\ 49 \\ \underline{-49} \\ 0 \end{array}$$

0.17

3) $29.7 \div 3$

$$\begin{array}{r} 9.9 \\ 3 \overline{) 29.7} \\ \underline{-27} \\ 27 \\ \underline{-27} \\ 0 \end{array}$$

9.9

4) $9.56 \div 4$

$$\begin{array}{r} 2.39 \\ 4 \overline{) 9.56} \\ \underline{-8} \\ 15 \\ \underline{-12} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

2.39

5) $627.2 \div 8$

$$\begin{array}{r} 78.4 \\ 8 \overline{) 627.2} \\ \underline{-56} \\ 67 \\ \underline{-64} \\ 32 \\ \underline{-32} \\ 0 \end{array}$$

78.4

6) $6.027 \div 7$

$$\begin{array}{r} 0.861 \\ 7 \overline{) 6.027} \\ \underline{-56} \\ 42 \\ \underline{-42} \\ 7 \\ \underline{-7} \\ 0 \end{array}$$

0.861

7) $556.7 \div 19$

$$\begin{array}{r} 29.3 \\ 19 \overline{) 556.7} \\ \underline{-38} \\ 176 \\ \underline{-171} \\ 57 \\ \underline{-57} \\ 0 \end{array}$$

29.3

8) $64.95 \div 15$

$$\begin{array}{r} 4.33 \\ 15 \overline{) 64.95} \\ \underline{-60} \\ 49 \\ \underline{-45} \\ 45 \\ \underline{-45} \\ 0 \end{array}$$

4.33

9) $81.29 \div 22$

$$\begin{array}{r} 3.695 \\ 22 \overline{) 81.290} \\ \underline{-66} \\ 152 \\ \underline{-132} \\ 209 \\ \underline{-198} \\ 110 \\ \underline{-110} \\ 0 \end{array}$$

3.695

10) $814.8 \div 35$

$$\begin{array}{r} 23.28 \\ 35 \overline{) 814.80} \\ \underline{-70} \\ 114 \\ \underline{-105} \\ 98 \\ \underline{-70} \\ 280 \\ \underline{-280} \\ 0 \end{array}$$

23.28

11) $43.038 \div 36$

$$\begin{array}{r} 1.1955 \\ 36 \overline{) 43.0380} \\ \underline{-36} \\ 70 \\ \underline{-36} \\ 343 \\ \underline{-324} \\ 198 \\ \underline{-180} \\ 180 \\ \underline{-180} \\ 0 \end{array}$$

1.1955

12) $96.651 \div 45$

$$\begin{array}{r} 2.1478 \\ 45 \overline{) 96.6510} \\ \underline{-90} \\ 66 \\ \underline{-45} \\ 215 \\ \underline{-180} \\ 351 \\ \underline{-315} \\ 360 \\ \underline{-360} \\ 0 \end{array}$$

2.1478