

Decimal Long Division

Use long division to divide a decimal dividend by a whole-number divisor.

1.
$$\begin{array}{r} \\ 99 \overline{) 252459.9} \end{array}$$

Place-value digit work:
 $2524599 \div 99$; keep 1 decimal
place in the quotient.

- _____

- _____

- _____

- _____

- _____

2.
$$\begin{array}{r} \\ 38 \overline{) 280390.6} \end{array}$$

Place-value digit work:
 $2803906 \div 38$; keep 1 decimal
place in the quotient.

- _____

- _____

- _____

- _____

- _____

3.
$$\begin{array}{r} \\ 21 \overline{) 196032.9} \end{array}$$

Place-value digit work: $1960329 \div 21$; keep 1 decimal
place in the quotient.

- _____

- _____

- _____

- _____

- _____

Decimal Long Division

Use long division to divide a decimal dividend by a whole-number divisor.

4.
$$\begin{array}{r} \\ 68 \overline{) 205965.2} \end{array}$$

Place-value digit work:
 $2059652 \div 68$; keep 1 decimal
place in the quotient.

—

—

—

—

—

5.
$$\begin{array}{r} \\ 39 \overline{) 334421.1} \end{array}$$

Place-value digit work: $3344211 \div 39$; keep 1 decimal
place in the quotient.

—

—

—

—

—

6.
$$\begin{array}{r} \\ 30 \overline{) 283707.0} \end{array}$$

Place-value digit work:
 $2837070 \div 30$; keep 1 decimal
place in the quotient.

—

—

—

—

—

Decimal Long Division

Use long division to divide a decimal dividend by a whole-number divisor.

7. _____

46

|

413659.6

Place-value digit work: 4136596 ÷ 46; keep 1 decimal place in the quotient.

- _____

- _____

- _____

- _____

- _____

8. _____

37

|

224597.4

Place-value digit work: 2245974 ÷ 37; keep 1 decimal place in the quotient.

- _____

- _____

- _____

- _____

- _____

9. _____

47

|

94719.1

Place-value digit work: 947191 ÷ 47; keep 1 decimal place in the quotient.

- _____

- _____

- _____

- _____

- _____

Decimal Long Division

Use long division to divide a decimal dividend by a whole-number divisor.

1.
$$\begin{array}{r} 2550.1 \\ 99 \overline{) 252459.9} \end{array}$$

Place-value digit work:
 $2524599 \div 99$; keep 1 decimal
place in the quotient.

$$\begin{array}{r} 2550.1 \\ - 198 \\ \hline 54 \\ 544 \\ - 495 \\ \hline 49 \\ 495 \\ - 495 \\ \hline 0 \\ 9 \\ - 0 \\ \hline 9 \\ 99 \\ - 99 \\ \hline 0 \end{array}$$

2.
$$\begin{array}{r} 7378.7 \\ 38 \overline{) 280390.6} \end{array}$$

Place-value digit work:
 $2803906 \div 38$; keep 1 decimal
place in the quotient.

$$\begin{array}{r} 7378.7 \\ - 266 \\ \hline 14 \\ 143 \\ - 114 \\ \hline 29 \\ 299 \\ - 266 \\ \hline 33 \\ 330 \\ - 304 \\ \hline 26 \\ 266 \\ - 266 \\ \hline 0 \end{array}$$

3.
$$\begin{array}{r} 9334.9 \\ 21 \overline{) 196032.9} \end{array}$$

Place-value digit work: $1960329 \div 21$; keep 1 decimal
place in the quotient.

$$\begin{array}{r} 9334.9 \\ - 189 \\ \hline 7 \\ 70 \\ - 63 \\ \hline 10 \\ 102 \\ - 84 \\ \hline 18 \\ 189 \\ - 189 \\ \hline 0 \end{array}$$

Decimal Long Division

Use long division to divide a decimal dividend by a whole-number divisor.

4.
$$\begin{array}{r} 3028.9 \\ 68 \overline{) 205965.2} \end{array}$$

Place-value digit work:
 $2059652 \div 68$; keep 1 decimal
place in the quotient.

$$\begin{array}{r} 30 \\ 68 \overline{) 205965.2} \\ \underline{136} \\ 69 \\ \underline{136} \\ 33 \\ \underline{136} \\ 197 \\ \underline{136} \\ 612 \\ \underline{588} \\ 24 \\ \underline{24} \\ 0 \end{array}$$

5.
$$\begin{array}{r} 8574.9 \\ 39 \overline{) 334421.1} \end{array}$$

Place-value digit work: $3344211 \div 39$; keep 1 decimal
place in the quotient.

$$\begin{array}{r} 85 \\ 39 \overline{) 334421.1} \\ \underline{78} \\ 56 \\ \underline{78} \\ 74 \\ \underline{78} \\ 36 \\ \underline{36} \\ 11 \\ \underline{78} \\ 33 \\ \underline{33} \\ 0 \end{array}$$

6.
$$\begin{array}{r} 9456.9 \\ 30 \overline{) 283707.0} \end{array}$$

Place-value digit work:
 $2837070 \div 30$; keep 1 decimal
place in the quotient.

$$\begin{array}{r} 94 \\ 30 \overline{) 283707.0} \\ \underline{60} \\ 23 \\ \underline{60} \\ 17 \\ \underline{60} \\ 17 \\ \underline{60} \\ 17 \\ \underline{60} \\ 70 \\ \underline{60} \\ 10 \\ \underline{90} \\ 10 \\ \underline{90} \\ 0 \end{array}$$

Decimal Long Division

Use long division to divide a decimal dividend by a whole-number divisor.

7.
$$\begin{array}{r} 8992.6 \\ 46 \overline{) 413659.6} \end{array}$$

Place-value digit work: $4136596 \div 46$; keep 1 decimal place in the quotient.

$$\begin{array}{r} 8992.6 \\ - 368 \\ \hline 45 \\ 9 \\ - 414 \\ \hline 42 \\ 9 \\ - 414 \\ \hline 11 \\ 2 \\ - 119 \\ \hline 27 \\ 6 \\ - 276 \\ \hline 0 \end{array}$$

8.
$$\begin{array}{r} 6070.2 \\ 37 \overline{) 224597.4} \end{array}$$

Place-value digit work: $2245974 \div 37$; keep 1 decimal place in the quotient.

$$\begin{array}{r} 6070.2 \\ - 222 \\ \hline 2 \\ 0 \\ - 25 \\ \hline 259 \\ 7 \\ - 259 \\ \hline 0 \\ 0 \\ 7 \\ - 0 \\ \hline 7 \\ 2 \\ - 74 \\ \hline 0 \end{array}$$

9.
$$\begin{array}{r} 2015.3 \\ 47 \overline{) 94719.1} \end{array}$$

Place-value digit work: $947191 \div 47$; keep 1 decimal place in the quotient.

$$\begin{array}{r} 2015.3 \\ - 94 \\ \hline 0 \\ 0 \\ 7 \\ - 0 \\ \hline 7 \\ 1 \\ - 47 \\ \hline 24 \\ 5 \\ - 249 \\ \hline 14 \\ 3 \\ - 141 \\ \hline 0 \end{array}$$