

Decimals — Hundredths

Name: _____

Date: _____



Add or subtract the decimals.

$$\begin{array}{r} \textcircled{1} \quad \begin{array}{r} \\ 14.67 \\ + 6.97 \\ \hline 21.64 \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad \begin{array}{r} 14.82 \\ - 11.08 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad \begin{array}{r} 19.37 \\ - 7.18 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad \begin{array}{r} 0.17 \\ + 5.40 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad \begin{array}{r} 0.81 \\ + 2.50 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad \begin{array}{r} 6.09 \\ - 1.12 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad \begin{array}{r} 15.31 \\ - 8.22 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad \begin{array}{r} 13.52 \\ - 13.02 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad \begin{array}{r} 5.89 \\ + 11.91 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad \begin{array}{r} 4.53 \\ + 12.73 \\ \hline \end{array} \end{array}$$



Decimal place value — Hundredths

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Write the value of the highlighted digit.

1 $98.\underline{5}8 \rightarrow \underline{0.5}$

2 $53.\underline{3}1 \rightarrow \underline{\hspace{2cm}}$

3 $1.\underline{6}2 \rightarrow \underline{\hspace{2cm}}$

4 $82.5\underline{6} \rightarrow \underline{\hspace{2cm}}$

5 $98.8\underline{6} \rightarrow \underline{\hspace{2cm}}$

6 $54.9\underline{3} \rightarrow \underline{\hspace{2cm}}$

7 $60.\underline{4}7 \rightarrow \underline{\hspace{2cm}}$

8 $73.8\underline{8} \rightarrow \underline{\hspace{2cm}}$

9 $48.\underline{1}8 \rightarrow \underline{\hspace{2cm}}$

10 $98.\underline{4}1 \rightarrow \underline{\hspace{2cm}}$



Decimal place value — Hundredths

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Write each number in expanded form.

1 $1.16 = 1 + 0.1 + 0.06$

2 $55.24 =$ _____

3 $80.55 =$ _____

4 $25.77 =$ _____

5 $58.33 =$ _____

6 $95.88 =$ _____

7 $79.72 =$ _____

8 $39.26 =$ _____

9 $15.06 =$ _____

10 $84.67 =$ _____



Compare decimals — Hundredths

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Write $>$, $=$, or $<$ between each pair of decimals.

1 6.59 $<$ 6.9

2 9.0 $\square$ 9.00

3 3.0 $\square$ 3.00

4 3.4 $\square$ 3.40

5 4.49 $\square$ 9.5

6 6.6 $\square$ 7.3

7 9.2 $\square$ 0.36

8 3.5 $\square$ 2.7

9 2.5 $\square$ 2.50

10 5.10 $\square$ 2.0



Powers of ten — Multiply & divide

Name: _____

Date: _____



Multiply or divide by moving the decimal point.

1 $7.78 \times 100 = \underline{778}$

2 $2.16 \div 1000 = \underline{\hspace{2cm}}$

3 $4.8 \div 100 = \underline{\hspace{2cm}}$

4 $0.8 \times 1000 = \underline{\hspace{2cm}}$

5 $0.49 \div 100 = \underline{\hspace{2cm}}$

6 $4.1 \times 100 = \underline{\hspace{2cm}}$

7 $7.73 \times 10 = \underline{\hspace{2cm}}$

8 $4.8 \times 1000 = \underline{\hspace{2cm}}$

9 $7.2 \div 1000 = \underline{\hspace{2cm}}$

10 $3.4 \div 1000 = \underline{\hspace{2cm}}$



Power Pack · Decimals — Answer key



Decimals

1. $14.67 + 6.97 = 21.64$

2. $14.82 - 11.08 = 3.74$

3. $19.37 - 7.18 = 12.19$

4. $0.17 + 5.40 = 5.57$

5. $0.81 + 2.50 = 3.31$

6. $6.09 - 1.12 = 4.97$

7. $15.31 - 8.22 = 7.09$

8. $13.52 - 13.02 = 0.50$

9. $5.89 + 11.91 = 17.80$

10. $4.53 + 12.73 = 17.26$

Value of a digit

1. 98.58 (5) $\rightarrow 0.5$

2. 53.31 (3) $\rightarrow 0.3$

3. 1.62 (6) $\rightarrow 0.6$

4. 82.56 (6) $\rightarrow 0.06$

5. 98.86 (6) $\rightarrow 0.06$

6. 54.93 (3) $\rightarrow 0.03$

7. 60.47 (4) $\rightarrow 0.4$

8. 73.88 (8) $\rightarrow 0.08$

9. 48.18 (1) $\rightarrow 0.1$

10. 98.41 (4) $\rightarrow 0.4$

Expanded form

1. $1.16 = 1 + 0.1 + 0.06$

2. $55.24 = 50 + 5 + 0.2 + 0.04$

3. $80.55 = 80 + 0.5 + 0.05$

4. $25.77 = 20 + 5 + 0.7 + 0.07$

5. $58.33 = 50 + 8 + 0.3 + 0.03$

6. $95.88 = 90 + 5 + 0.8 + 0.08$

7. $79.72 = 70 + 9 + 0.7 + 0.02$

8. $39.26 = 30 + 9 + 0.2 + 0.06$

9. $15.06 = 10 + 5 + 0.06$

10. $84.67 = 80 + 4 + 0.6 + 0.07$

Compare decimals

1. $6.59 < 6.9$

2. $9.0 = 9.00$

3. $3.0 = 3.00$

4. $3.4 = 3.40$

5. $4.49 < 9.5$

6. $6.6 < 7.3$

7. $9.2 > 0.36$

8. $3.5 > 2.7$

9. $2.5 = 2.50$

10. $5.10 > 2.0$

Powers of ten

1. $7.78 \times 100 = 778$

2. $2.16 \div 1000 = 0.00216$

3. $4.8 \div 100 = 0.048$

4. $0.8 \times 1000 = 800$

5. $0.49 \div 100 = 0.0049$

6. $4.1 \times 100 = 410$

7. $7.73 \times 10 = 77.3$

8. $4.8 \times 1000 = 4800$

9. $7.2 \div 1000 = 0.0072$

10. $3.4 \div 1000 = 0.0034$