

Place Value and Expanded Notation

A. Write each number in standard form.

$80 + 4 = \underline{\hspace{2cm}}$

$300 + 20 + 9 = \underline{\hspace{2cm}}$

$900 + 2 = \underline{\hspace{2cm}}$

$1,000 + 50 + 6 = \underline{\hspace{2cm}}$

$100 + 70 = \underline{\hspace{2cm}}$

$4,000 + 600 + 5 = \underline{\hspace{2cm}}$

$800 + 30 = \underline{\hspace{2cm}}$

$1,000 + 800 + 10 + 3 = \underline{\hspace{2cm}}$

B. Write each number in expanded form.

$42 = \underline{\hspace{2cm}}$

$320 = \underline{\hspace{2cm}}$

$56 = \underline{\hspace{2cm}}$

$893 = \underline{\hspace{2cm}}$

$105 = \underline{\hspace{2cm}}$

$2,017 = \underline{\hspace{2cm}}$

$3,860 = \underline{\hspace{2cm}}$

$7,428 = \underline{\hspace{2cm}}$

C. Write each number in standard form.



five thousand, seven hundred nine _____

nine thousand, three hundred fifteen _____

two thousand, four hundred sixty-eight _____

eight thousand, six hundred thirty-seven _____

Counting Money & Telling Time

A. Choose True or False for each statement. Try to calculate mentally.

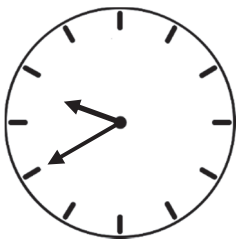
Kate has 39 cents less than Justin. If Kate has 45 cents, Justin must have 86 cents. True False

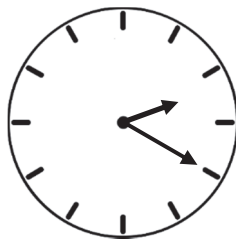
Eric bought 2 bags of chips. Each bag was 37 cents. Eric paid less than 84 cents. True False

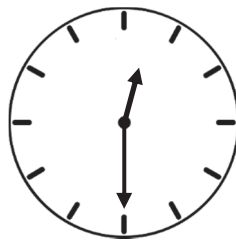
Brian has six coins worth fifty-five cents. If five of his coins are nickels, the other must be a quarter. True False

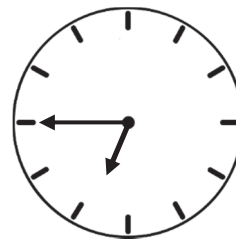
Orson has 3 dimes, 9 nickels, 1 quarter, and 6 pennies. Laura has 5 nickels, 2 quarters, 3 pennies, and 2 dimes. Orson has less money than Laura. True False

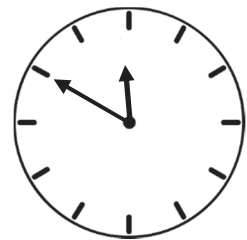
B. Write the time beneath each clock.



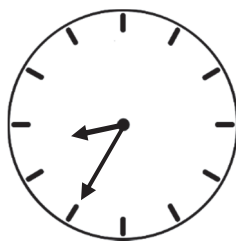


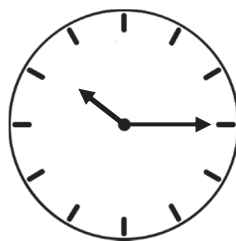


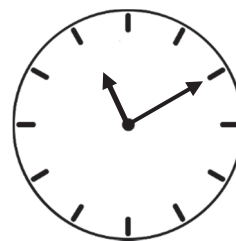


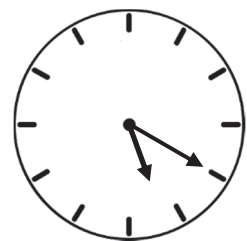






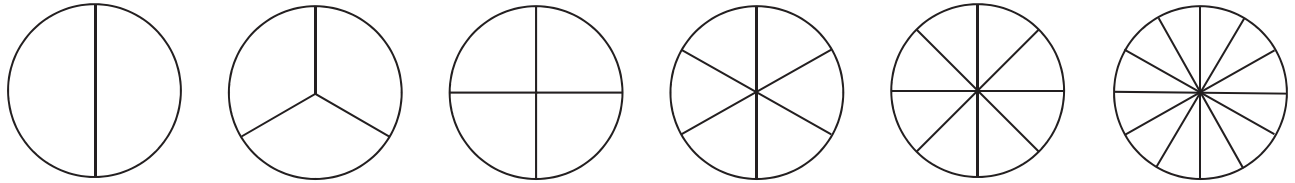






Equivalent Fractions

A. Find the equivalent fractions. Use the shapes below to help you.



$$\frac{1}{2} = \frac{\quad}{4}$$

$$\frac{1}{3} = \frac{\quad}{6}$$

$$\frac{1}{4} = \frac{\quad}{8}$$

$$\frac{1}{2} = \frac{\quad}{6}$$

$$\frac{1}{2} = \frac{\quad}{8}$$

$$\frac{2}{3} = \frac{\quad}{12}$$

$$\frac{3}{4} = \frac{\quad}{12}$$

$$\frac{5}{6} = \frac{\quad}{12}$$

B. Find the equivalent fractions by multiplying or dividing the top and bottom numbers (the numerator and the denominator) by the same amount.

$\frac{1}{2}$	$\frac{\quad}{\quad}$	$\frac{6}{18}$	$\frac{\quad}{\quad}$
$\times 2$	$\times 3$	$\div 3$	$\div 2$
$=$	$=$	$=$	$=$
$\times 2$	$\times 3$	$\div 3$	$\div 2$

$\frac{2}{3}$	$\frac{\quad}{\quad}$	$\frac{30}{40}$	$\frac{\quad}{\quad}$
$\times 3$	$\times 4$	$\div 5$	$\div 2$
$=$	$=$	$=$	$=$
$\times 3$	$\times 4$	$\div 5$	$\div 2$



Dividing by 1-Digit

A. Find the quotient for each division problem.

$$7 \overline{) 448}$$

$$4 \overline{) 156}$$

$$6 \overline{) 264}$$

$$8 \overline{) 168}$$

B. Solve each word problem.

- ✓ Rebekah puts 48 apples equally into 6 baskets. How many apples will be in each basket?

- ✓ The teacher divides 35 students into groups of 7. How many groups will be made?

- ✓ Braden divides 28 bananas equally into 4 piles. How many bananas will be in each pile?

- ✓ Briley puts 49 cookies equally into 7 boxes. How many cookies are in each box?

- ✓ Matthew read a 180 page book. He read the same number of pages for 9 days. How many pages did he read each day?

Adding and Subtracting Decimals

A. Solve the addition and subtraction problems.

$$\begin{array}{r} 4.2 \\ + 2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 3.9 \\ + 6.5 \\ \hline \end{array}$$

$$\begin{array}{r} 4.8 \\ + 5.9 \\ \hline \end{array}$$

$$\begin{array}{r} 1.4 \\ + 5.8 \\ \hline \end{array}$$

$$\begin{array}{r} 7.8 \\ + 5.6 \\ \hline \end{array}$$

$$\begin{array}{r} 6.8 \\ - 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 7.9 \\ - 4.2 \\ \hline \end{array}$$

$$\begin{array}{r} 8.5 \\ - 3.5 \\ \hline \end{array}$$

$$\begin{array}{r} 9.7 \\ - 9.2 \\ \hline \end{array}$$

$$\begin{array}{r} 11.9 \\ - 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 7.2 \\ - 5.9 \\ \hline \end{array}$$

$$\begin{array}{r} 3.4 \\ - 2.8 \\ \hline \end{array}$$

$$\begin{array}{r} 15.3 \\ - 8.5 \\ \hline \end{array}$$

$$\begin{array}{r} 13.5 \\ - 5.9 \\ \hline \end{array}$$

$$\begin{array}{r} 14.2 \\ - 8.6 \\ \hline \end{array}$$

B. Can you solve these square puzzles? For each puzzle, arrange the numbers 1 to 9 in the grid so that each row, column, and diagonal adds up to 15.

		6
	5	
		8



4		2
	1	

Fractions and Decimals & Adding Fractions

A. Draw lines to match the fractions and decimals.

 $1/2$ $0.\bar{6}$

0.25

 $4/6$ $3/4$

0.5

 $0.\bar{6}$ $1/3$ $2/3$

0.25

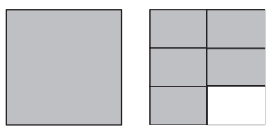
0.5

 $2/8$ $1/4$

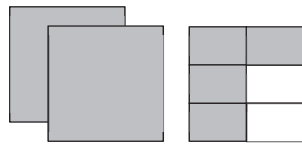
0.75

 $0.\bar{3}$ $2/4$

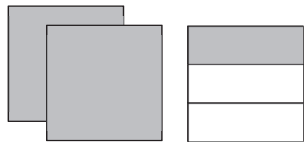
B. Write the addition sentence that represents each picture, and solve it.



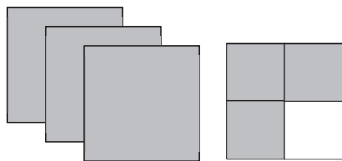
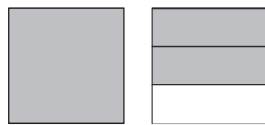
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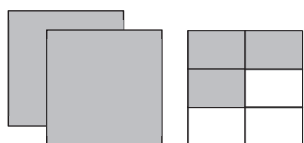
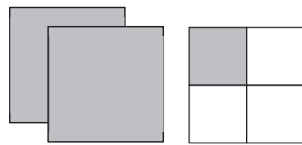
$$1\frac{5}{6} + 2\frac{4}{6} = 4\frac{3}{6} = 4\frac{1}{2}$$



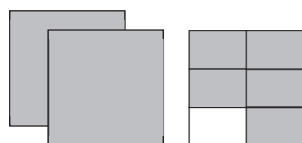
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Lines of Symmetry

A. Choose True or False for each statement.

A line of symmetry divides a shape into 2 equal parts. True False

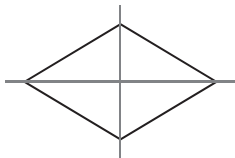
A circle has infinite (many) lines of symmetry. True False

A heart shape has no lines of symmetry. True False

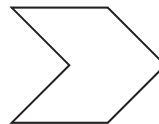
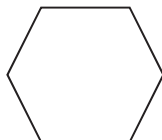
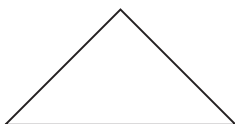
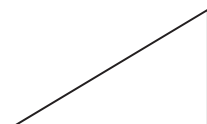
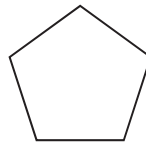
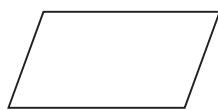
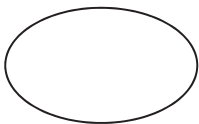
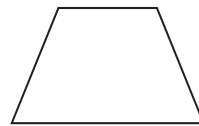
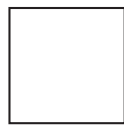
A pentagon has more lines of symmetry than a square. True False

A square has the same number of lines of symmetry as a rectangle. True False

B. Draw lines of symmetry on each shape. Write how many there are.



2



Multiplying Fractions

Multiply the fractions. Simplify your answer and convert it to a mixed number, if needed.

$$\frac{2}{3} \times \frac{3}{8} =$$

$$\frac{6}{12} \times \frac{8}{9} =$$

$$\frac{3}{4} \times \frac{5}{6} =$$

$$\frac{2}{20} \times \frac{5}{6} =$$

$$\frac{1}{2} \times \frac{4}{5} =$$

$$\frac{3}{18} \times \frac{2}{7} =$$

$$\frac{2}{9} \times \frac{3}{8} =$$

$$\frac{5}{8} \times \frac{4}{15} =$$

$$\frac{5}{6} \times \frac{2}{5} =$$

$$\frac{4}{7} \times \frac{14}{16} =$$

$$\frac{3}{4} \times \frac{8}{9} =$$

$$\frac{5}{9} \times \frac{12}{15} =$$

$$\frac{2}{7} \times \frac{3}{4} =$$

$$\frac{7}{12} \times \frac{6}{21} =$$

$$\frac{2}{9} \times \frac{2}{6} =$$

$$\frac{12}{25} \times \frac{10}{16} =$$



Division & Coordinate Plane

A. Solve the division problems.

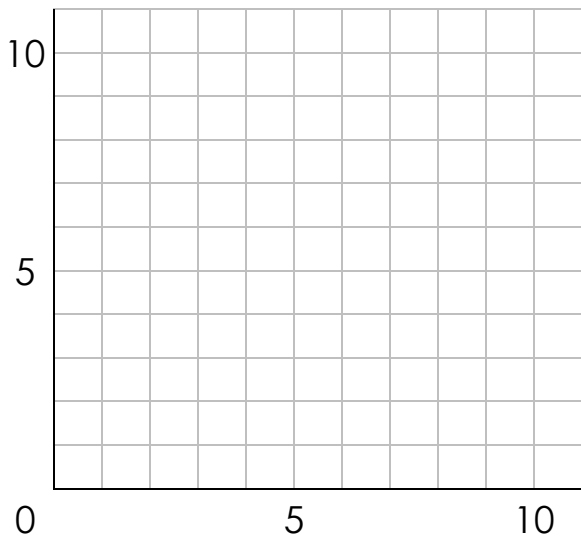
$$22 \overline{) 8085}$$

$$32 \overline{) 7445}$$

$$17 \overline{) 5605}$$

$$32 \overline{) 9843}$$

B. Plot the ordered pairs and connect them in order. What letters do they form?



(1, 0)	(3, 11)	(7, 5)	(10, 5)
(1, 6)	(3, 7)	(8, 8)	(8, 5)
(3, 6)	(5, 7)	(9, 11)	(8, 3)
(4, 5)	(6, 8)	(10, 8)	(8, 1)
(4, 4)	(6, 10)	(11, 5)	(10, 1)
(3, 3)	(5, 11)	LINE ENDS	LINE ENDS
(1, 3)	(3, 11)	(8, 8)	(8, 3)
(4, 0)		(10, 8)	(10, 3)

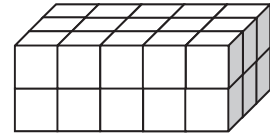
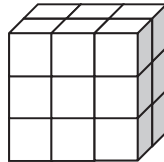
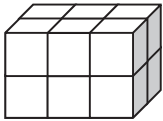
C. Unscramble the above four letters. How many words can you make?



Finding Volume

A. Count the unit cubes to find the volume (V) of each shape.

The volume of a shape = the number of unit cubes needed to fill it



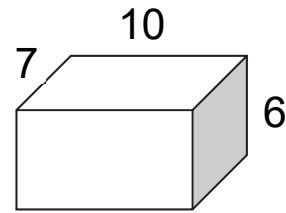
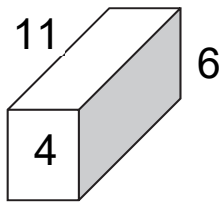
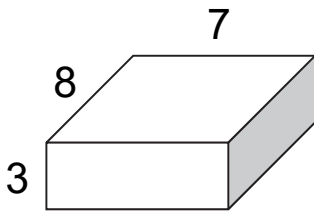
$V = 12$ cubic units

$V =$ _____ cubic units

$V =$ _____ cubic units

B. Find the volume (V) of each rectangular prism (or cuboid).

The volume of a rectangular prism = length (L) \times width (W) \times height (H)



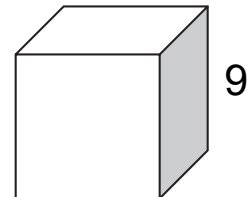
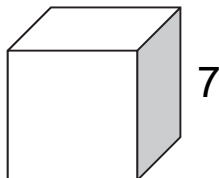
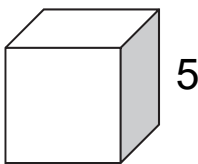
$V =$ _____

$V =$ _____

$V =$ _____

C. Find the volume (V) of each cube.

The volume of a cube = length (S) \times width (S) \times height (S) = S^3



$V =$ _____

$V =$ _____

$V =$ _____