

Fraction Action! Writing The Lowest Form

To reduce a fraction, first find the common factor of the numerator and the denominator.

$$\begin{array}{l} \text{The numerator} \rightarrow \frac{6}{9} \\ \text{The denominator} \rightarrow \end{array}$$

The common factor of 6 and 9 is 3 because $6 = 2 \times 3$ and $9 = 3 \times 3$.

Then, divide the numerator and denominator by 3.

$$\begin{array}{l} \text{divide the numerator} \rightarrow \frac{6 \div 3}{9 \div 3} \\ \text{divide the denominator} \rightarrow \end{array}$$

Therefore, the reduced form of $\frac{6}{9}$ is $\frac{2}{3}$.

Find the lowest form of the fractions below. Write it down. Show your work.

$$\frac{4}{12}$$

$$\frac{5}{30}$$

$$\frac{8}{24}$$

Fill in the missing numerator or denominator.

$$\frac{7}{35} = \frac{1}{\quad}$$

$$\frac{3}{63} = \frac{1}{\quad}$$

$$\frac{6}{36} = \frac{\quad}{6}$$

$$\frac{9}{33} = \frac{3}{\quad}$$

Fraction Action! Writing The Lowest Form

To reduce a fraction, first find the common factor of the numerator and the denominator.

$$\begin{array}{l} \text{The numerator} \rightarrow 8 \\ \text{The denominator} \rightarrow 12 \end{array}$$

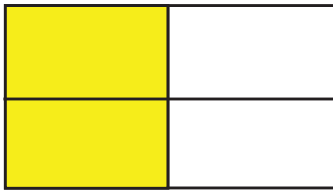
The common factor of 8 and 12 is 4 because $8 = 2 \times 4$ and $12 = 3 \times 4$.

Then, divide the numerator and denominator by 4.

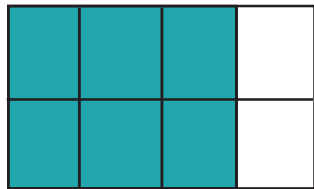
$$\begin{array}{l} \text{divide the numerator} \rightarrow 8 \div 4 \\ \text{divide the denominator} \rightarrow 12 \div 4 \end{array}$$

Therefore, the reduced form of $\frac{8}{12}$ is $\frac{2}{3}$.

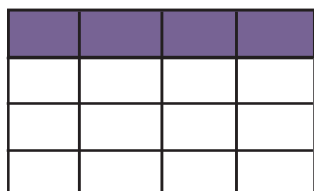
Look at the shading area on the left side. Write the fraction and then reduce it to the lowest form. See the example.



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



$$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



$$= \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

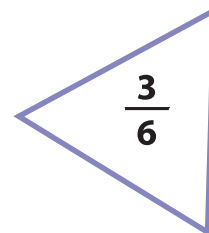
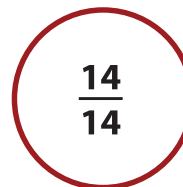
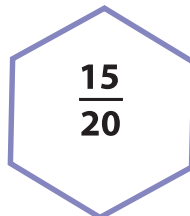
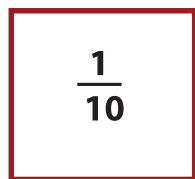
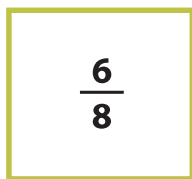
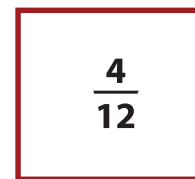
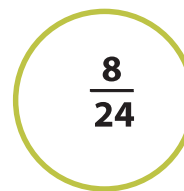
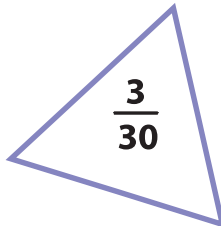
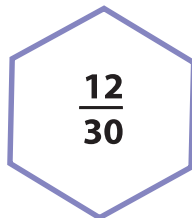
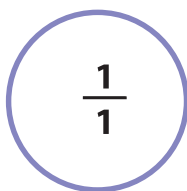
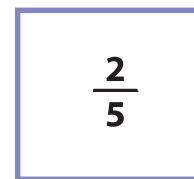
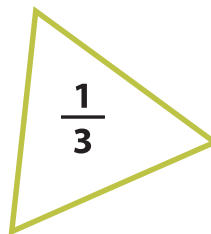
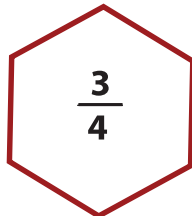
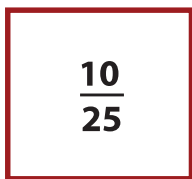
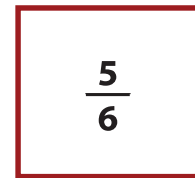
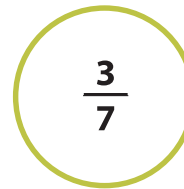
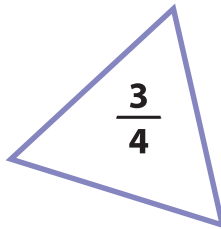
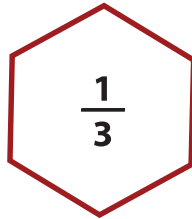
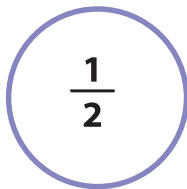
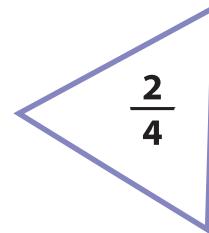
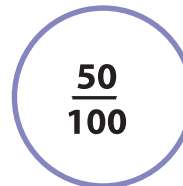
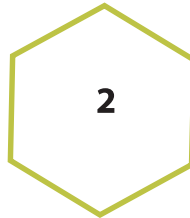
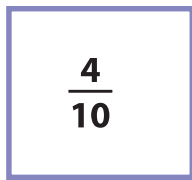
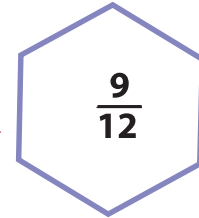
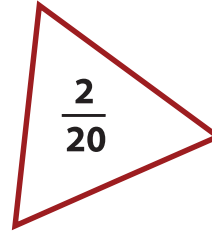
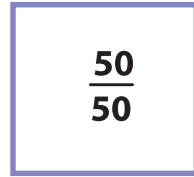
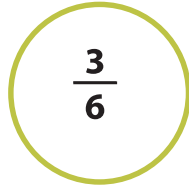
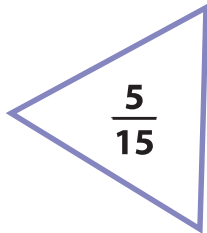
Find the lowest form of the fraction below. Write it down. Show your work.

$$\frac{8}{36}$$

$$\frac{6}{39}$$

The Greatest and The Least: Practicing Fractions

Color in the shape with the greatest value red, and the shape with the least value blue.



Colorful Shapes: Practicing Fractions

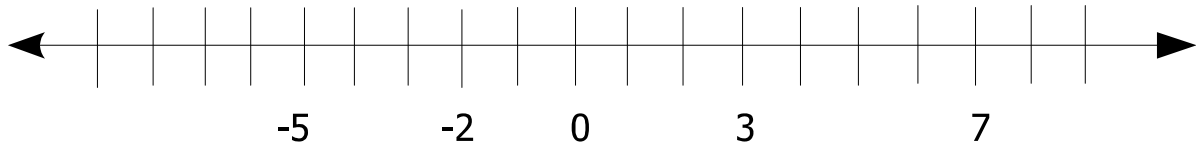
Color in the shapes that have the same value with the same color.

The shapes and their fractions are:

- Pink circle: $\frac{3}{9}$
- Pink triangle: $\frac{1}{10}$
- Green circle: $\frac{2}{4}$
- Orange square: $\frac{5}{15}$
- Orange square: $\frac{3}{2}$
- Pink square: $\frac{8}{8}$
- Orange square: $\frac{9}{12}$
- Pink triangle: $\frac{10}{5}$
- Pink circle: $\frac{6}{4}$
- Green circle: $\frac{50}{100}$
- Orange square: $\frac{4}{8}$
- Green triangle: $\frac{6}{8}$
- Pink hexagon: $\frac{15}{18}$
- Pink hexagon: 2
- Pink hexagon: $\frac{3}{6}$
- Pink triangle: $\frac{3}{30}$
- Pink square: $\frac{5}{6}$
- Orange square: 1
- Pink triangle: $\frac{1}{3}$
- Pink hexagon: $\frac{3}{4}$
- Pink circle: $\frac{4}{12}$
- Green circle: $\frac{2}{20}$
- Pink triangle: $\frac{1}{2}$

Introduction to Integers

Fill in the missing numbers to complete the number line.



Fill in the blanks with neutral, positive or negative.

Zero is a _____ integer.

A whole number less than zero is a _____ integer.

A whole number greater than zero is a _____ integer.

Whole numbers that are _____ integers can be written with or without a sign.

Circle the integers.

-4 $\frac{1}{2}$ 3 -2 0 $\frac{3}{4}$ +6 8 -7 $\frac{1}{4}$ 1 +9

Match the opposite integers.

3 5 2 4 1 6 7

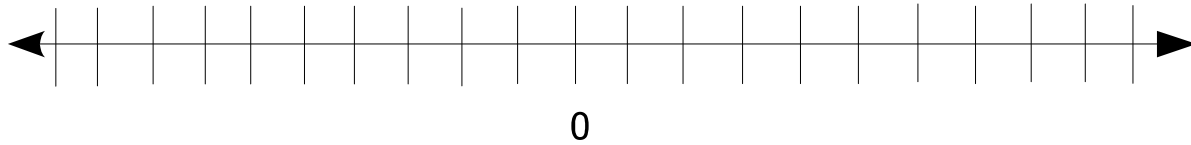
-5 -2 -3 -6 -7 -4 -1



Adding Integers



Complete the number line.



Complete the addition problems.

$$\begin{array}{r} -2 \\ + +3 \\ \hline \end{array} \quad \begin{array}{r} +4 \\ + -2 \\ \hline \end{array} \quad \begin{array}{r} +5 \\ + -1 \\ \hline \end{array} \quad \begin{array}{r} -6 \\ + +2 \\ \hline \end{array} \quad \begin{array}{r} +8 \\ + +2 \\ \hline \end{array} \quad \begin{array}{r} -1 \\ + -5 \\ \hline \end{array} \quad \begin{array}{r} -9 \\ + +8 \\ \hline \end{array}$$

$$\begin{array}{r} +7 \\ + +3 \\ \hline \end{array} \quad \begin{array}{r} -3 \\ + +6 \\ \hline \end{array} \quad \begin{array}{r} -4 \\ + +5 \\ \hline \end{array} \quad \begin{array}{r} +9 \\ + -7 \\ \hline \end{array} \quad \begin{array}{r} +6 \\ + -7 \\ \hline \end{array} \quad \begin{array}{r} -5 \\ + +6 \\ \hline \end{array} \quad \begin{array}{r} -4 \\ + -3 \\ \hline \end{array}$$

Complete the word problems. Use the table to help you.

The temperature is 5 degrees below zero.
The temperature falls 15 degrees.
What is the temperature now?

	+		=	
--	---	--	---	--

A seed is planted 2 inches below the ground.
The plant grows 6 inches from the seed.
How tall is the plant above the ground?

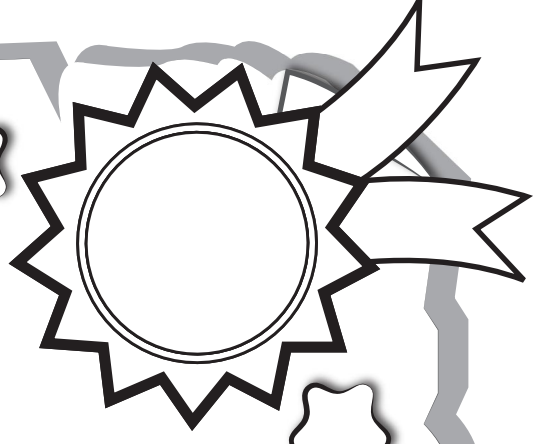
	+		=	
--	---	--	---	--

The base of a hill is 11 feet below sea level.
The hill is 27 feet high.
How much of the hill is above sea level?

	+		=	
--	---	--	---	--

Great job!

_____ is an Education.com math superstar



Answer Sheets

Learn Fractions and Decimals

Rounding and Place Values #1
Rounding and Place Values #2
Addition with Decimals
Sheep Math
Subtracting with Decimals #1
Subtracting with Decimals #2
Conversation: Practice Ordering Decimals
Number Search
Feed the Kramsters
Fractions: Simple Pleasures Candy
Fraction Action: Writing the Lowest Form #1
Fraction Action: Writing the Lowest Form #2
The Greatest and the Least: Practicing Fractions
Colorful Shapes: Practicing Fractions
Introduction to Integers
Adding Integers

Want more workbooks? Join Education.com Plus to save time and money.
<http://www.education.com/education-plus/>

Answer Sheet

M A T H
D E C I M A L S



Skill Practice

Rounding and place values

1

- For the decimals given, write out the name of the number's last place value.

$4.25\text{\underline{3}}$ <u>thousandths</u>	12.02 <u>hundredths</u>	95.408 <u>thousandths</u>
0.021 <u>thousandths</u>	10.5 <u>tenths</u>	8.506 <u>thousandths</u>
8.52 <u>hundredths</u>	9.321 <u>thousandths</u>	50.2 <u>tenths</u>
89.8 <u>tenths</u>	$4,512.3$ <u>tenths</u>	88.22 <u>hundredths</u>

- For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

Tenths

8.231 <u>8.2</u>	45.128 <u>45.1</u>	0.981 <u>1.0</u>	2.012 <u>2.0</u>	16.061 <u>16.1</u>
-----------------------	-------------------------	-----------------------	-----------------------	-------------------------

Hundredths

8.2561 <u>8.26</u>	66.2135 <u>66.21</u>	0.8646 <u>0.86</u>	7.9843 <u>7.98</u>	52.1143 <u>52.11</u>
-------------------------	---------------------------	-------------------------	-------------------------	---------------------------

Thousandths

0.8643 <u>0.864</u>	6.5127 <u>6.513</u>	0.2155 <u>0.216</u>	7.4541 <u>7.454</u>	1.8950 <u>1.895</u>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Mixed

$45.19\text{\underline{5}2}$ <u>45.20</u>	$0.23\text{\underline{1}5}$ <u>0.232</u>	$81.00\text{\underline{5}3}$ <u>81.005</u>	$90.\text{\underline{5}50}$ <u>90.6</u>	$0.01\text{\underline{8}6}$ <u>0.019</u>
--	---	---	--	---

Answer Sheet

ANSWER SHEET

M A T H
D E C I M A L S



Skill Practice

Rounding and place values

3

- For the decimals given, write out the name of the number's last place value.

90.3
tenths

1.57
hundredths

8.6
tenths

19.521
thousandths

325.40
hundredths

20.050
thousandths

34.8
tenths

18.629
thousandths

4.51
hundredths

99.016
thousandths

16.52
hundredths

7.1
tenths

- For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

Tenths

5.291 51.0526 4.832 65.247 1.366
5.3 *51.1* *4.8* *65.2* *1.4*

Hundredths

8.2952 21.5061 84.9315 14.6147 8.4473
8.30 *21.51* *84.93* *14.61* *8.45*

Thousandths

52.3615 0.2381 12.4534 9.0267 9.4125
52.362 *0.238* *12.453* *9.027* *9.413*

Mixed

11.2453 25.8963 94.4135 6.3519 5.7082
11.245 *25.9* *94.414* *6.35* *5.7*



Answer Sheet

M A T H
D E C I M A L S



Skill Practice

Addition with Decimals

1

- Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$\begin{array}{r} 16.2 + 9.05 \\ 16.20 \\ + 9.05 \\ \hline 25.25 \end{array}$$

$$\begin{array}{r} 2.513 + 19.61 \\ 2.513 \\ + 19.61 \\ \hline 22.123 \end{array}$$

$$\begin{array}{r} 24.9 + 5.73 \\ 24.9 \\ + 5.73 \\ \hline 30.63 \end{array}$$

$$\begin{array}{r} 72.52 + 0.214 \\ 72.52 \\ + 0.214 \\ \hline 72.734 \end{array}$$

$$\begin{array}{r} 2.83 + 1.994 \\ 2.83 \\ + 1.994 \\ \hline 4.824 \end{array}$$

$$\begin{array}{r} 243.1 + 3.07 \\ 243.1 \\ + 3.07 \\ \hline 246.17 \end{array}$$

$$\begin{array}{r} 1.203 + 16.48 \\ 1.203 \\ + 16.48 \\ \hline 17.683 \end{array}$$

$$\begin{array}{r} 14.63 + 12.9 \\ 14.63 \\ + 12.9 \\ \hline 27.53 \end{array}$$

$$\begin{array}{r} 10.5 + 3.481 \\ 10.5 \\ + 3.481 \\ \hline 13.981 \end{array}$$

$$\begin{array}{r} 37.53 + 22.8 \\ 37.53 \\ + 22.8 \\ \hline 60.33 \end{array}$$

$$\begin{array}{r} 1.358 + 250.2 \\ 1.358 \\ + 250.2 \\ \hline 251.558 \end{array}$$

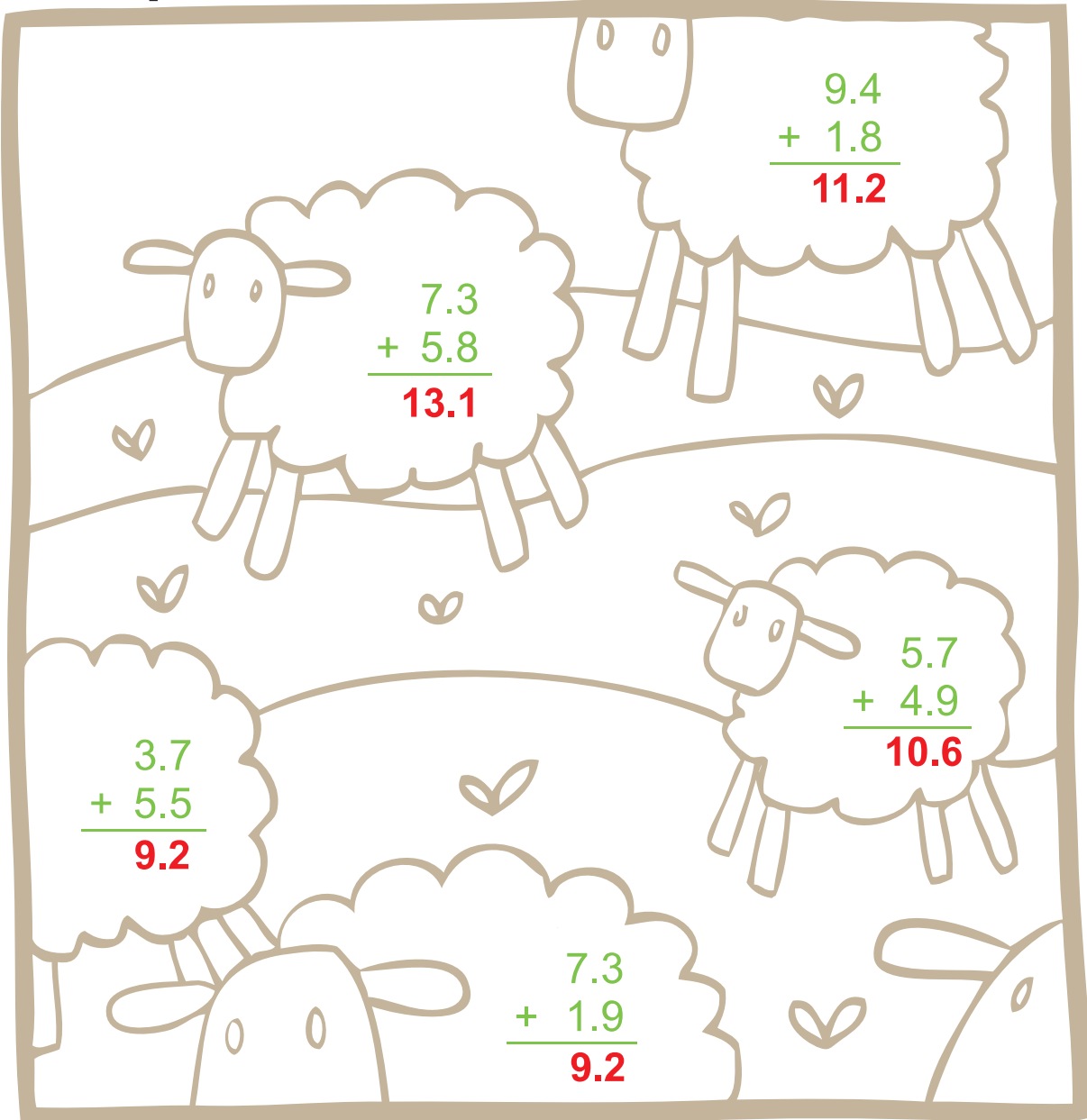
$$\begin{array}{r} 0.53 + 64.095 \\ 0.53 \\ + 64.095 \\ \hline 64.625 \end{array}$$



Answer Sheet

ANSWER SHEET

Sheep Math



Note: More worksheets at www.education.com/worksheets

Instructions:

Complete each math problem and color the page!