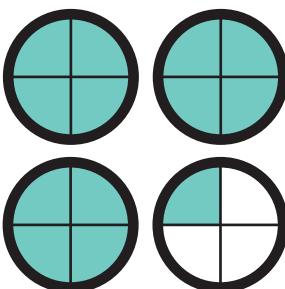


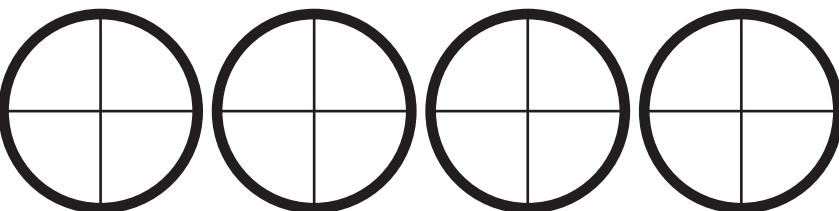
Learn

Fractions & Decimals

4th
Grade

$$\frac{13}{4} \rightarrow 3\frac{1}{4}$$


$$\begin{array}{r} 9.4 \\ + 1.8 \\ \hline \end{array}$$

$$\frac{15}{4}$$


$$\begin{array}{r} 5.7 \\ - 4.9 \\ \hline \end{array}$$



$$\begin{array}{r} 3.7 \\ + 5.5 \\ \hline 9.2 \end{array}$$

$$\begin{array}{r} 7.3 \\ - 5.8 \\ \hline \end{array}$$

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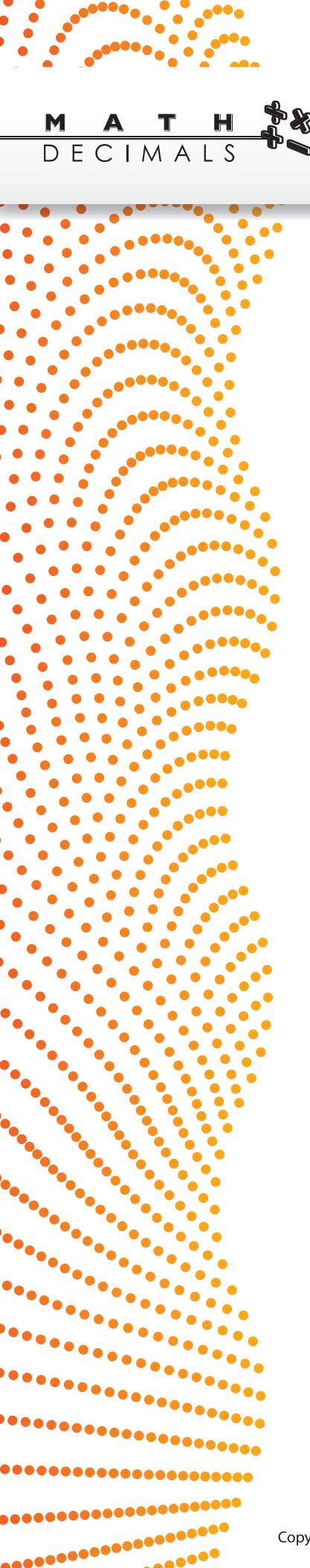
Learn Fractions and Decimals

- 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 *
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- Colorful Shapes: Practicing Fractions *
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- Adding Integers *

Certificate of Completion
Answer Sheets

** Has an Answer Sheet*

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Skill Practice 1

Rounding and place values

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

4.253*thousandths*

12.02

95.408

0.021

10.5

8.506

8.52

9.321

50.2

89.8

4,512.3

88.22

- 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

45.128*8.2*

0.981

2.012

16.061

Hundredths

8.2561

66.2135

8.26

0.8646

7.9843

52.1143

Thousandths

0.8643

6.5127

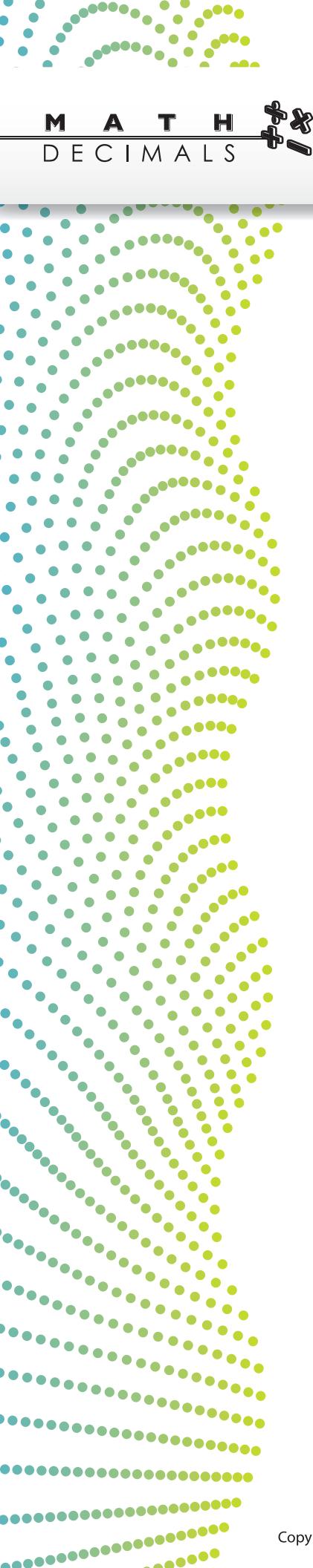
0.864

0.2155

7.4541

1.8950

Mixed45.19520.2315*45.20*81.005390.5500.0186

Skill Practice **3**
Rounding and place values

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

90.3
tenths

1.57

8.6

19.521

325.40

20.050

34.8

18.629

4.51

99.016

16.52

7.1

- 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 _____

Hundredths

8.2952 21.5061 84.9315 14.6147 8.4473
7.15 _____

Thousandths

52.3615 0.2381 12.4534 9.0267 9.4125
52.362 _____

Mixed

11.2453 25.8963 94.4135 6.3519 5.7082
11.245 _____



Skill Practice 1

Addition with Decimals

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

$16.2 + 9.05$

$2.513 + 19.61$

$24.9 + 5.73$

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

$72.52 + 0.214$

$2.83 + 1.994$

$243.1 + 3.07$

$1.203 + 16.48$

$14.63 + 12.9$

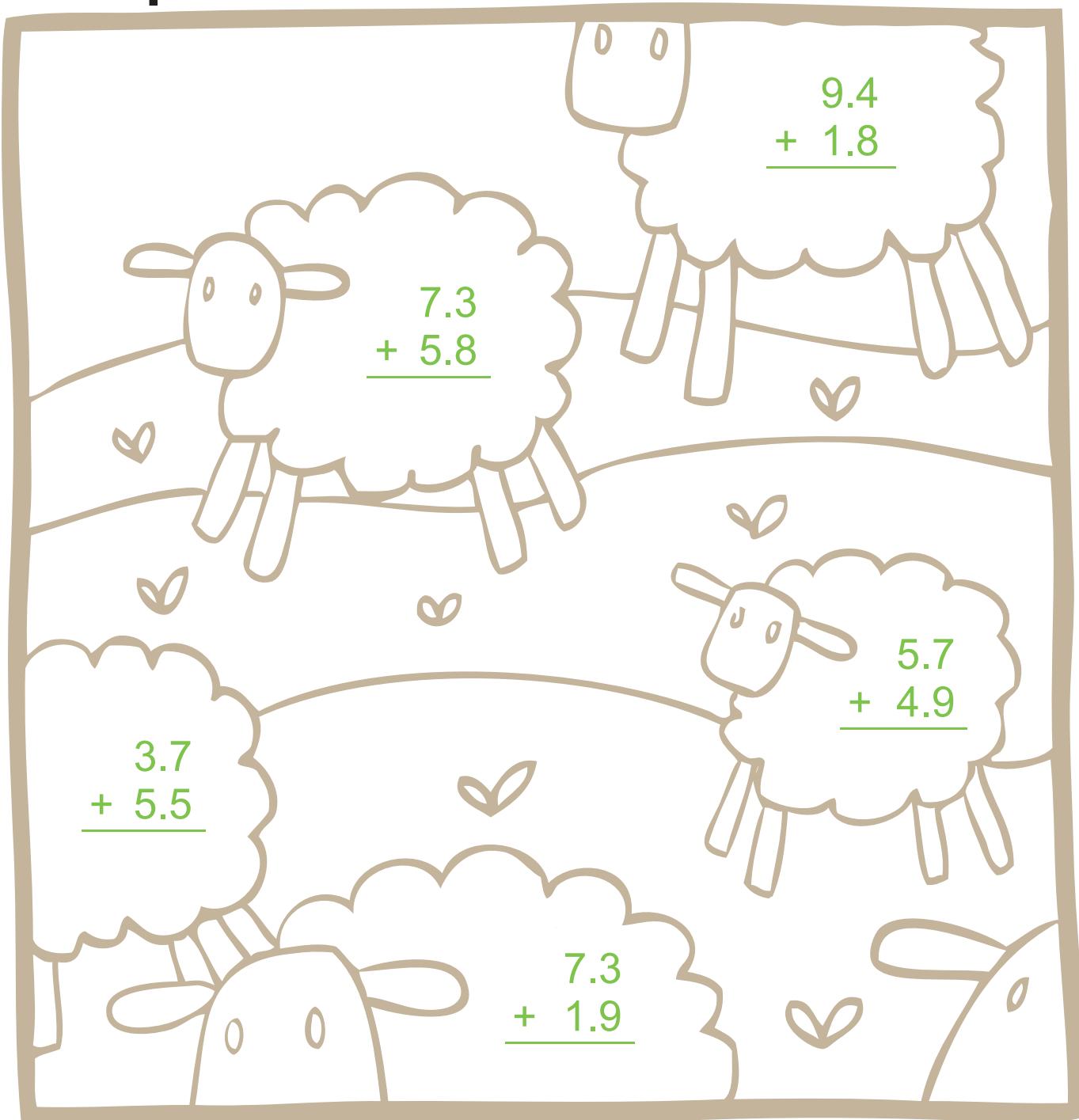
$10.5 + 3.481$

$37.53 + 22.8$

$1.358 + 250.2$

$0.53 + 64.095$

Sheep Math



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

Instructions:

Complete each math problem and color the page!

Skill Practice 2

Subtracting with Decimals

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

$95.2 - 5.58$

$8.23 - 1.257$

$61.3 - 7.35$

$$\begin{array}{r} 95.20 \\ - 5.58 \\ \hline 89.62 \end{array}$$

$10.08 - 9.6$

$7.109 - 3.3$

$75.3 - 13.19$

$8.024 - 6.76$

$18.8 - 14.52$

$5.6 - 2.863$

$7.25 - 6.01$

$25.3 - 4.192$

$70.5 - 4.61$

Skill Practice 3

Subtracting with Decimals

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

$18.63 - 2.041$

$8.45 - 6.3$

$7.41 - .196$

$$\begin{array}{r} 2.032 \\ - 0.3 \\ \hline 1.732 \end{array}$$

$4.215 - 3.2$

$20.12 - 13.7$

$4.2 - .429$

$126.4 - .147$

$77.98 - 15.6$

$43.2 - 12.75$

$9.35 - 3.282$

$62.45 - 3.187$

$1.248 - 1.19$

Conversation: Practice Ordering Decimals

Order the decimal numbers on the conversation bubbles from largest to smallest, then use the letters to answer the question below.

**R****9.09219****E****9.35****U****8.03912****DE****7.09345****S****8.49461****A****7.201****P****10.0001**

Jacob is trying to _____ Jack.

Number Search

Find and circle the five-digit numbers
in the puzzle below.



19472	40872	74638
13057	41590	77077
12680	59382	81908
23058	52039	88835
22851	66831	91875
39671	62394	90098
31594	65761	99124

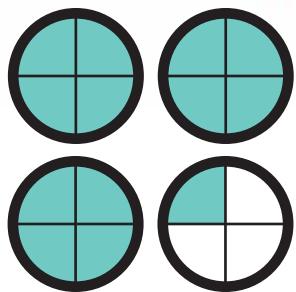
9	1	8	7	5	2	9	1	1	3	0	5	7	6	4	8	2	1	4	3	4	5
1	7	9	0	4	7	3	5	2	2	6	7	5	3	6	2	3	9	4	0	0	9
2	7	3	9	6	7	1	0	6	6	8	9	5	7	3	2	1	2	3	5	8	1
2	5	9	0	6	0	4	4	8	3	7	5	6	1	9	6	5	2	2	8	7	4
5	4	5	0	3	7	9	8	0	7	2	4	2	4	6	7	9	9	4	1	2	3
9	9	3	9	1	7	4	6	5	6	3	3	7	5	5	1	4	0	5	2	7	6
5	5	7	8	9	5	8	2	4	3	0	0	8	4	6	3	9	1	1	5	2	6
9	2	1	7	6	7	3	3	5	9	5	7	7	6	3	8	5	1	9	9	8	6
3	0	4	6	5	0	9	3	2	8	8	8	3	5	5	3	2	7	4	6	3	8
1	3	4	7	6	9	3	5	2	3	2	9	8	7	4	4	1	8	7	0	9	3
6	9	4	7	6	8	8	2	7	9	5	8	3	6	1	6	6	3	2	5	8	1
7	9	5	7	2	5	1	3	8	9	5	9	9	1	2	4	3	8	7	9	3	5
4	1	5	9	0	0	9	2	6	7	4	9	9	1	4	6	2	5	8	7	9	1
5	8	7	9	2	4	0	3	5	4	7	8	1	2	6	5	8	9	2	4	6	7
3	2	4	4	2	2	8	5	1	1	5	7	3	6	3	5	9	3	8	2	2	9
2	6	8	7	9	0	4	5	3	3	6	8	2	1	1	5	8	7	9	3	4	6

Feed The Kramsters!

Kramsters are very picky eaters. Feed each kramster the correct number of pellets by converting the following improper fractions to mixed numbers. Color in the pellets to match each mixed number.

EXAMPLE:

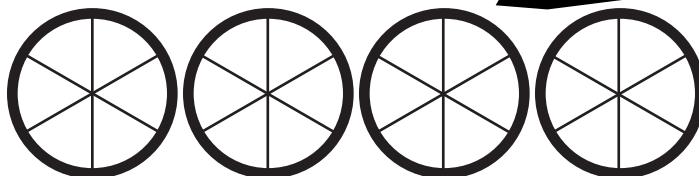
$$\frac{13}{4}$$



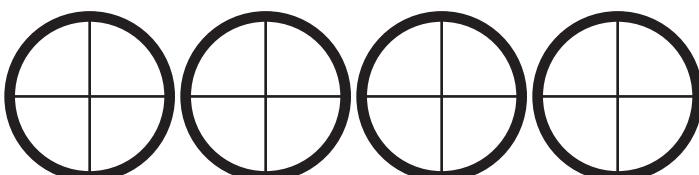
$$3\frac{1}{4}$$



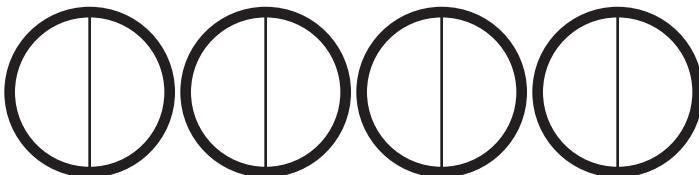
$$\frac{12}{6}$$



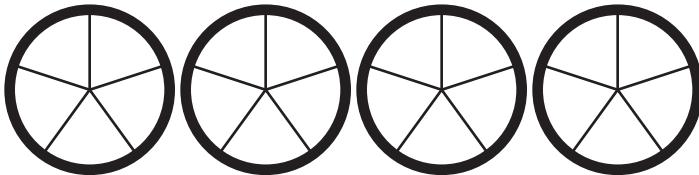
$$\frac{15}{4}$$



$$\frac{3}{2}$$

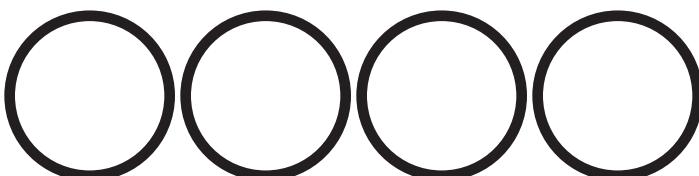


$$\frac{14}{5}$$

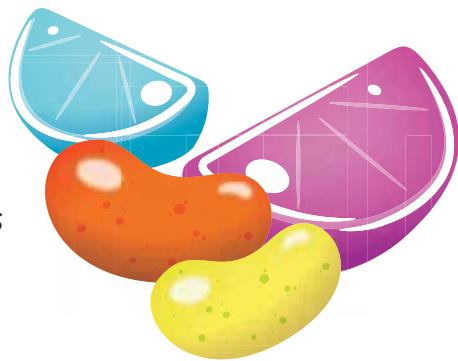


For the last one, shade in the pellets without guidelines.

$$\frac{20}{6}$$



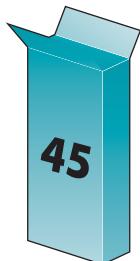
Simple Pleasures Candy



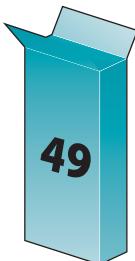
Fractions are everywhere, even in candy! Look at the boxes of candy below and simplify the ratios of the colors to the total number of pieces of candy in each bag.

Look at the number on the box and the number of the color given and simplify the fraction. Be sure to show your work.

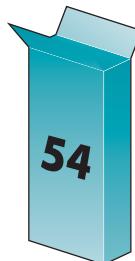
Jelly Beans



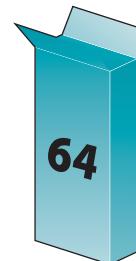
18 orange
jelly beans



21 blue
jelly beans



18 mangenta
jelly beans



24 green
jelly beans

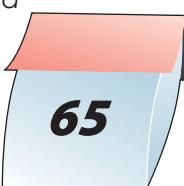


$$\begin{array}{l} \text{orange jelly} \\ \text{beans } \frac{18 \div 9}{45 \div 9} = \underline{\underline{\frac{2}{5}}} \\ \text{total #} \end{array}$$

Candy Slices



45 magenta
slices



13 purple
slices



26 turquoise
slices



48 yellow
slices



Gummy Bears



21 yellow
gummy bears



12 red
gummy bears



26 green
gummy bears



5 orange
gummy bears



Activity: With your own favorite colorful candy, find the fractions of each color in the bag.



Fraction Action! Writing The Lowest Form

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

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

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.

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

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.

$$\frac{7}{35} = \frac{1}{\underline{\hspace{1cm}}}$$

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

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

$$\frac{9}{33} = \frac{3}{\underline{\hspace{1cm}}}$$

Fraction Action! Writing The Lowest Form

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

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

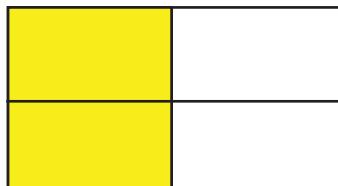
The common factor of 8 and 12 is 4 because $8 = 2 \times 4$ and $12 = 3 \times 4$.

Then, divide the numerator and denominator by 4.

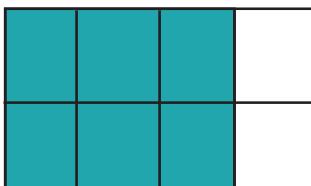
$$\begin{array}{l} \text{divide the numerator} \rightarrow 8 \div 4 \\ \text{divide the denominator} \rightarrow 12 \div 4 \end{array}$$

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

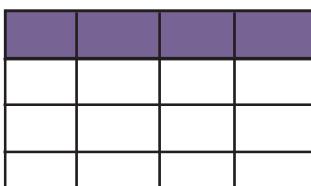
Look at the shading area on the left side. Write the fraction and then reduce it to the lowest form. See the example.



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



$$= \underline{\quad} = \underline{\quad}$$



$$= \underline{\quad} = \underline{\quad}$$

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

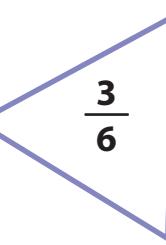
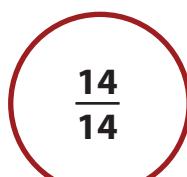
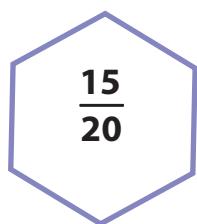
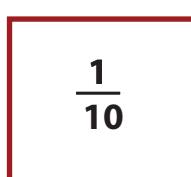
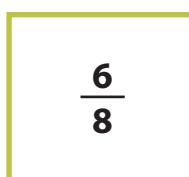
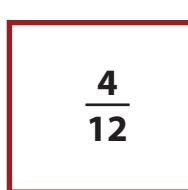
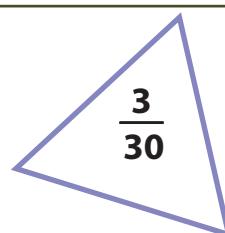
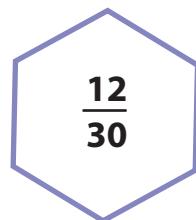
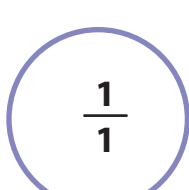
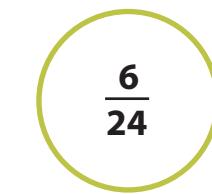
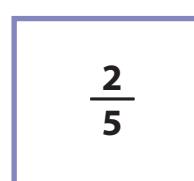
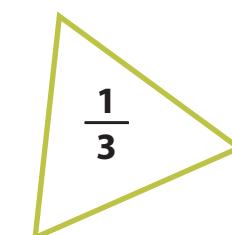
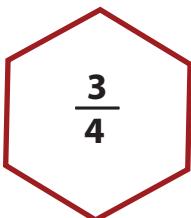
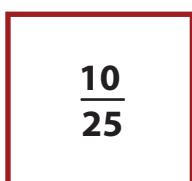
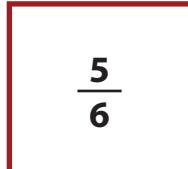
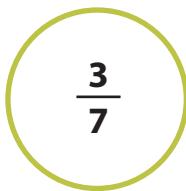
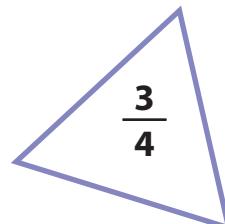
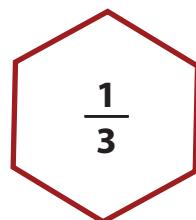
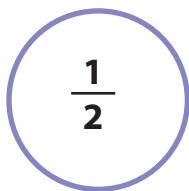
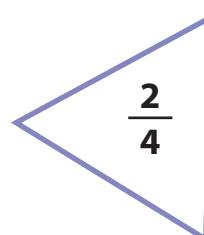
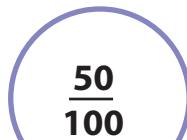
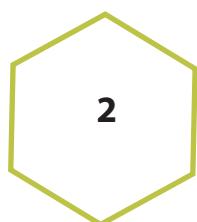
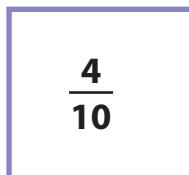
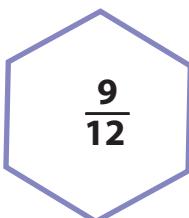
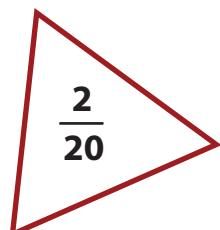
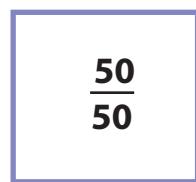
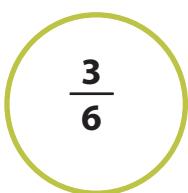
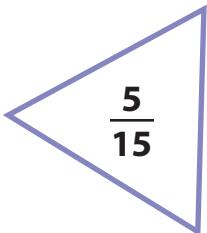
$$\frac{8}{36}$$

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



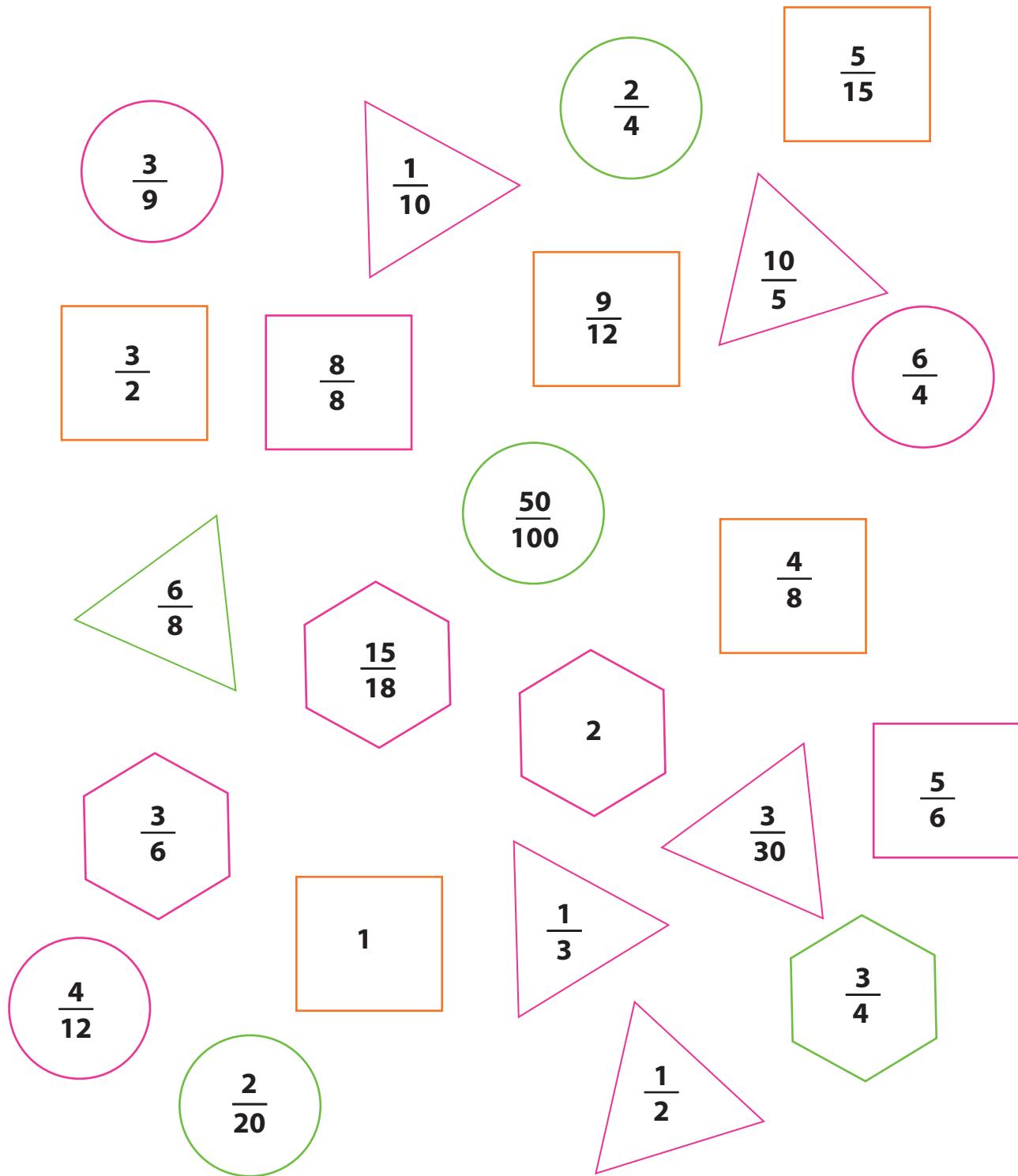
The Greatest and The Least: Practicing Fractions

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



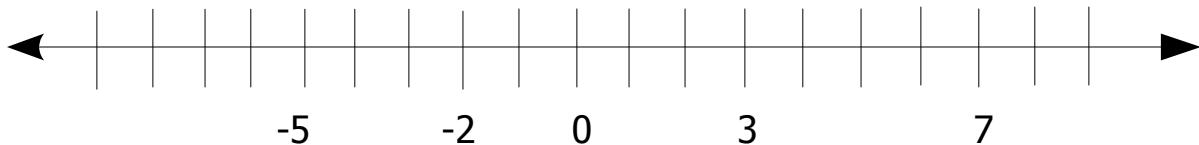
Colorful Shapes: Practicing Fractions

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



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

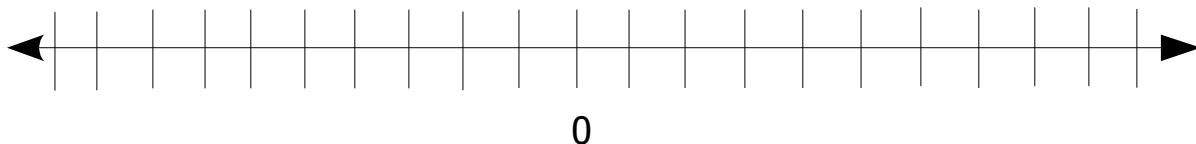
-5 -2 -3 -6 -7 -4 -1



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.

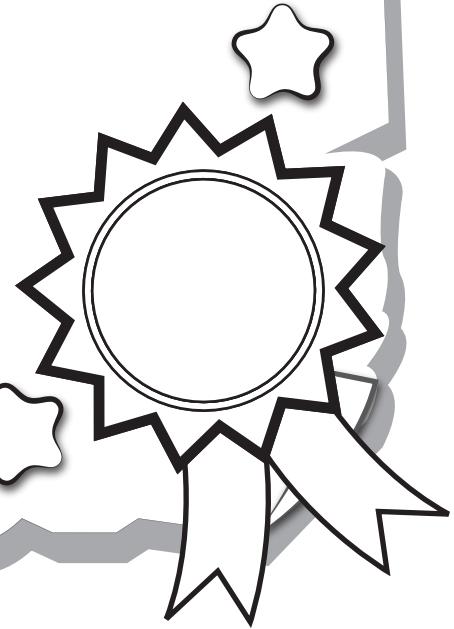
The hill is 27 feet high.

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

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Answer Sheet



Skill Practice

Rounding and place values

1

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

<u>4.253</u> <i>thousandths</i>	<u>12.02</u> <i>hundredths</i>	<u>95.408</u> <i>thousandths</i>
<u>0.021</u> <i>thousandths</i>	<u>10.5</u> <i>tenths</i>	<u>8.506</u> <i>thousandths</i>
<u>8.52</u> <i>hundredths</i>	<u>9.321</u> <i>thousandths</i>	<u>50.2</u> <i>tenths</i>
<u>89.8</u> <i>tenths</i>	<u>4,512.3</u> <i>tenths</i>	<u>88.22</u> <i>hundredths</i>

- 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>4</u> 5.128	0.981	2.012	16.061
<u>8.2</u>	<u>45.1</u>	<u>1.0</u>	<u>2.0</u>	<u>16.1</u>

Hundredths

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

Thousandths

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

Mixed

45.1 <u>9</u> 52	0.23 <u>1</u> 5	81.00 <u>5</u> 3	90.5 <u>5</u> 0	0.01 <u>8</u> 6
<u>45.20</u>	<u>0.232</u>	<u>81.005</u>	<u>90.6</u>	<u>0.019</u>

Answer Sheet

M A T H
DECIMALS

ANSWER SHEET

Skill Practice

3

Rounding and place values

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

<u>90.3</u> <i>tenths</i>	<u>1.57</u> <i>hundredths</i>	<u>8.6</u> <i>tenths</i>
------------------------------	----------------------------------	-----------------------------

<u>19.521</u> <i>thousandths</i>	<u>325.40</u> <i>hundredths</i>	<u>20.050</u> <i>thousandths</i>
-------------------------------------	------------------------------------	-------------------------------------

<u>34.8</u> <i>tenths</i>	<u>18.629</u> <i>thousandths</i>	<u>4.51</u> <i>hundredths</i>
------------------------------	-------------------------------------	----------------------------------

<u>99.016</u> <i>thousandths</i>	<u>16.52</u> <i>hundredths</i>	<u>7.1</u> <i>tenths</i>
-------------------------------------	-----------------------------------	-----------------------------

- 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
<u>5.3</u>	<u>51.1</u>	<u>4.8</u>	<u>65.2</u>	<u>1.4</u>

Hundredths

8.2952	21.5061	84.9315	14.6147	8.4473
<u>8.30</u>	<u>21.51</u>	<u>84.93</u>	<u>14.61</u>	<u>8.45</u>

Thousands

52.3615	0.2381	12.4534	9.0267	9.4125
<u>52.362</u>	<u>0.238</u>	<u>12.453</u>	<u>9.027</u>	<u>9.413</u>

Mixed

11.24 <u>5</u> 3	25. <u>8</u> 963	94.41 <u>3</u> 5	6.3 <u>5</u> 19	5. <u>7</u> 082
<u>11.245</u>	<u>25.9</u>	<u>94.414</u>	<u>6.35</u>	<u>5.7</u>

Answer Sheet

M A T H
DECIMALS

Skill Practice 1

Addition with Decimals

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

$16.2 + 9.05$

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

$2.513 + 19.61$

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

$24.9 + 5.73$

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

$72.52 + 0.214$

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

$2.83 + 1.994$

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

$243.1 + 3.07$

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

$1.203 + 16.48$

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

$14.63 + 12.9$

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

$10.5 + 3.481$

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

$37.53 + 22.8$

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

$1.358 + 250.2$

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

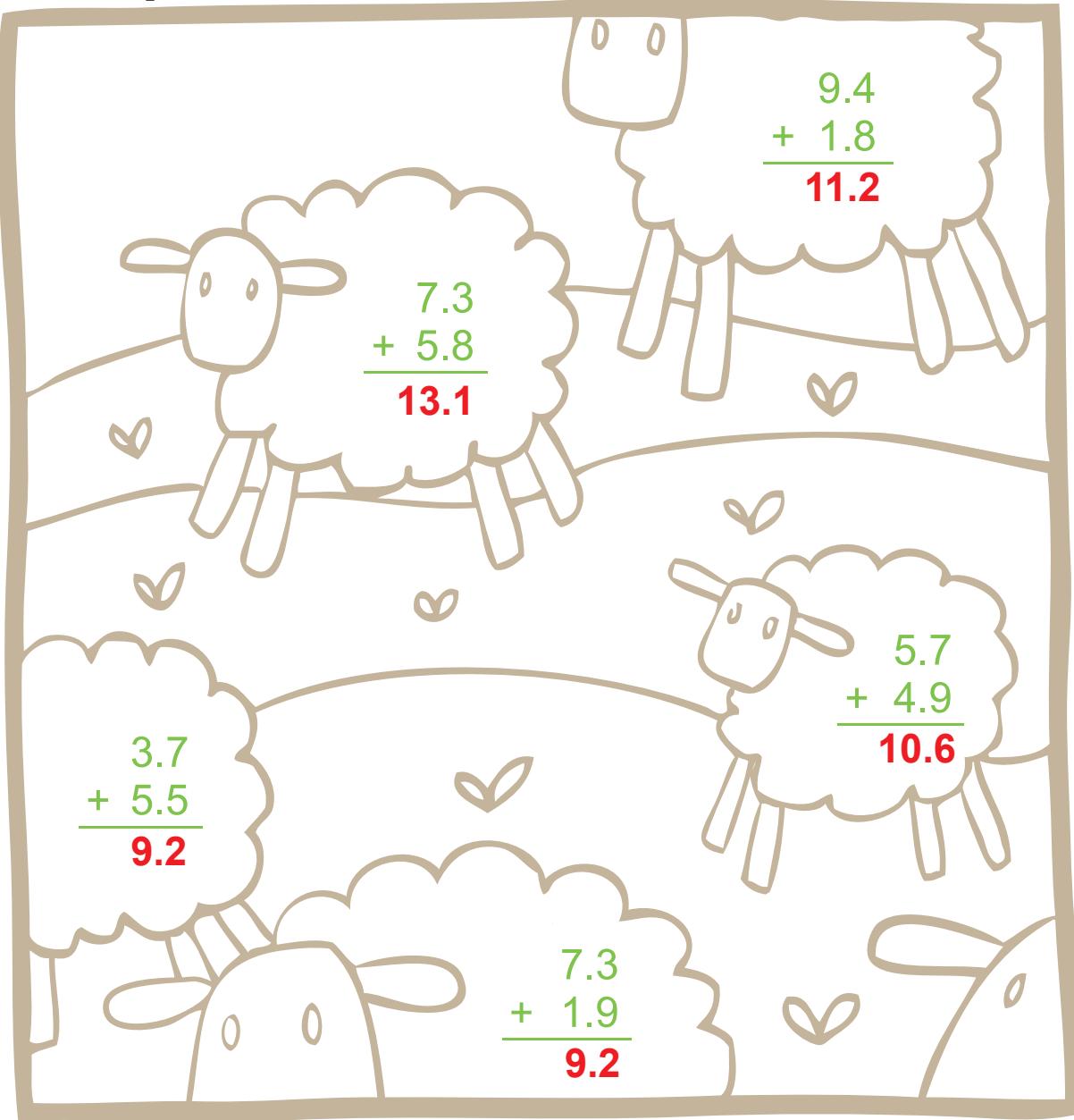
$0.53 + 64.095$

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

Answer Sheet

ANSWER SHEET

Sheep Math



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

Instructions:

Complete each math problem and color the page!

Answer Sheet

M A T H
DECIMALS

Skill Practice 2

Subtracting with Decimals

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

$95.2 - 5.58$

$$\begin{array}{r} 95.20 \\ - 5.58 \\ \hline 89.62 \end{array}$$

$8.23 - 1.257$

$$\begin{array}{r} 8.230 \\ - 1.257 \\ \hline 6.973 \end{array}$$

$61.3 - 7.35$

$$\begin{array}{r} 61.30 \\ - 7.35 \\ \hline 53.95 \end{array}$$

$10.08 - 9.6$

$$\begin{array}{r} 10.08 \\ - 9.60 \\ \hline 0.48 \end{array}$$

$7.109 - 3.3$

$$\begin{array}{r} 7.109 \\ - 3.300 \\ \hline 3.809 \end{array}$$

$75.3 - 13.19$

$$\begin{array}{r} 75.30 \\ - 13.19 \\ \hline 62.11 \end{array}$$

$8.024 - 6.76$

$$\begin{array}{r} 8.024 \\ - 6.760 \\ \hline 1.264 \end{array}$$

$18.8 - 14.52$

$$\begin{array}{r} 18.80 \\ - 14.52 \\ \hline 04.28 \end{array}$$

$5.6 - 2.863$

$$\begin{array}{r} 5.600 \\ - 2.863 \\ \hline 2.737 \end{array}$$

$7.25 - 6.01$

$$\begin{array}{r} 7.25 \\ - 6.01 \\ \hline 1.24 \end{array}$$

$25.3 - 4.192$

$$\begin{array}{r} 25.300 \\ - 4.192 \\ \hline 21.108 \end{array}$$

$70.5 - 4.61$

$$\begin{array}{r} 70.50 \\ - 4.61 \\ \hline 65.89 \end{array}$$



Answer Sheet

M A T H
DECIMALS

Skill Practice 3

Subtracting with Decimals

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

$18.63 - 2.041$

$$\begin{array}{r} 18.630 \\ - 2.041 \\ \hline 16.589 \end{array}$$

$8.45 - 6.3$

$$\begin{array}{r} 8.45 \\ - 6.30 \\ \hline 2.15 \end{array}$$

$7.41 - .196$

$$\begin{array}{r} 7.410 \\ - 0.196 \\ \hline 7.214 \end{array}$$

$4.215 - 3.2$

$$\begin{array}{r} 4.215 \\ - 3.200 \\ \hline 1.015 \end{array}$$

$20.12 - 13.7$

$$\begin{array}{r} 20.12 \\ - 13.70 \\ \hline 6.42 \end{array}$$

$4.2 - .429$

$$\begin{array}{r} 4.200 \\ - 0.429 \\ \hline 3.771 \end{array}$$

$126.4 - .147$

$$\begin{array}{r} 126.400 \\ - 0.147 \\ \hline 126.253 \end{array}$$

$77.98 - 15.6$

$$\begin{array}{r} 77.98 \\ - 15.60 \\ \hline 62.38 \end{array}$$

$43.2 - 12.75$

$$\begin{array}{r} 43.20 \\ - 12.75 \\ \hline 30.45 \end{array}$$

$9.35 - 3.282$

$$\begin{array}{r} 9.350 \\ - 3.282 \\ \hline 6.068 \end{array}$$

$62.45 - 3.187$

$$\begin{array}{r} 62.450 \\ - 3.187 \\ \hline 59.263 \end{array}$$

$1.248 - 1.19$

$$\begin{array}{r} 1.248 \\ - 1.190 \\ \hline 0.058 \end{array}$$



Answer Sheet

ANSWER SHEET

4th
Grade

Conversation: Practice Ordering Decimals

Order the decimal numbers on the conversation bubbles from largest to smallest, then use the letters to answer the question below.



R
9.09219

E
9.35

U
8.03912

DE
7.09345

S
8.49461

A
7.201

P
10.0001

P E R S U A DE
10.0001 9.35 9.09219 8.49461 8.03912 7.201 7.09345

Jacob is trying to PERSUADE Jack.

Answer Sheet

Number Search

Find and circle the five-digit numbers
in the puzzle below.



19472

40872

74638

13057

41590

77077

12680

59382

81908

23058

52039

88835

22851

66831

91875

39671

62394

90098

31594

65761

99124

9	1	8	7	5	2	9	1	1	3	0	5	7	6	4	8	2	1	4	3	4	5
1	7	9	0	4	7	3	5	2	2	6	7	5	3	6	2	3	9	4	0	0	9
2	7	3	9	6	7	1	0	6	6	8	9	5	7	3	2	1	2	3	5	8	1
2	5	9	0	6	0	4	4	8	3	7	5	6	1	9	6	5	2	2	8	7	4
5	4	5	0	3	7	9	8	0	7	2	4	2	4	6	7	9	9	4	1	2	3
9	9	3	9	1	7	4	6	5	6	3	3	7	5	5	1	4	0	5	2	7	6
5	5	7	8	9	5	8	2	4	3	0	0	8	4	6	3	9	1	1	5	2	6
9	2	1	7	6	7	3	3	5	9	5	7	7	6	3	8	5	1	9	9	8	6
3	0	4	6	5	0	9	3	2	8	8	8	3	5	5	3	2	7	4	6	3	8
1	3	4	7	6	9	3	5	2	3	2	9	8	7	4	4	1	8	7	0	9	3
6	9	4	7	6	8	8	2	7	9	5	8	3	6	1	6	6	3	2	5	8	1
7	9	5	7	2	5	1	3	8	9	5	9	9	1	2	4	3	8	7	9	3	5
4	1	5	9	0	0	9	2	6	7	4	9	9	1	4	6	2	5	8	7	9	1
5	8	7	9	2	4	0	3	5	4	7	8	1	2	6	5	8	9	2	4	6	7
3	2	4	4	2	2	8	5	1	1	5	7	3	6	3	5	9	3	8	2	2	9
2	6	8	7	9	0	4	5	3	3	6	8	2	1	1	5	8	7	9	3	4	6

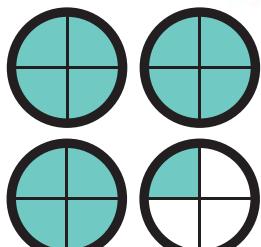
Answer Sheet

Feed The Kramsters!

Kramsters are very picky eaters. Feed each kramster the correct number of pellets by converting the following improper fractions to mixed numbers. Color in the pellets to match each mixed number.

EXAMPLE:

$$\frac{13}{4}$$

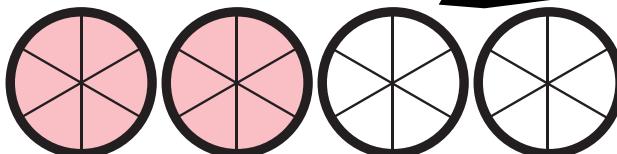


$$\rightarrow 3\frac{1}{4}$$

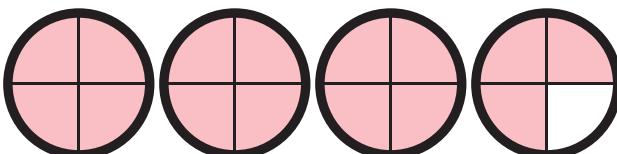
ANSWERS



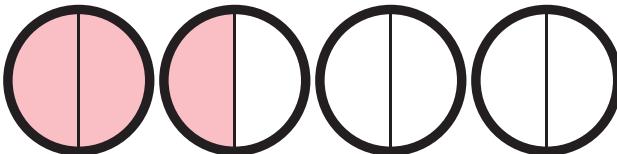
$$\frac{12}{6} = 2$$



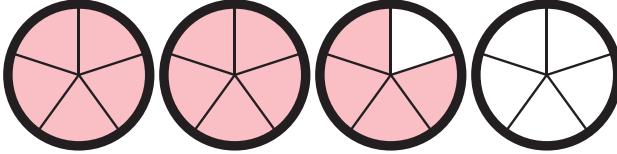
$$\frac{15}{4} = 3\frac{3}{4}$$



$$\frac{3}{2} = 1\frac{1}{2}$$

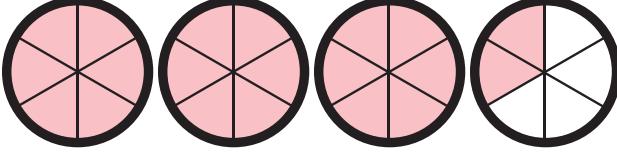


$$\frac{14}{5} = 2\frac{4}{5}$$



For the last one, shade in the pellets using your own outlines.

$$\frac{20}{6} = 3\frac{1}{3}$$



Answer Sheet

MATH
FRACTIONS

Simple Pleasures Candy

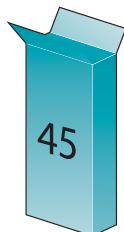
**Answer
Sheet**



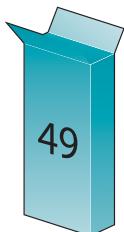
Fractions are everywhere, even in candy! Look at the boxes of candy below and simplify the ratios of the colors to the total number of pieces of candy in each bag.

Look at the number on the box and the number of the color given and simplify the fraction. Be sure to show your work.

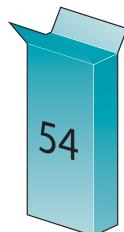
Jelly Beans



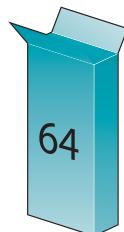
18 orange
jelly beans



21 blue
jelly beans



18 mangenta
jelly beans



24 green
jelly beans

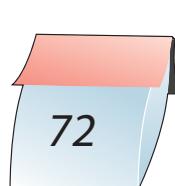
$$\begin{array}{r} \text{orange jelly} \\ \text{beans } \frac{18 \div 9}{45 \div 9} = \underline{\underline{\frac{2}{5}}} \\ \text{total # } \end{array}$$

$$\frac{21 \div 7}{49 \div 7} = \underline{\underline{\frac{3}{7}}}$$

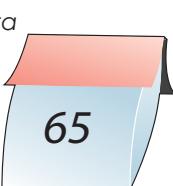
$$\frac{18 \div 9}{54 \div 9} = \frac{2}{6} = \underline{\underline{\frac{1}{3}}}$$

$$\frac{24 \div 8}{64 \div 8} = \underline{\underline{\frac{3}{8}}}$$

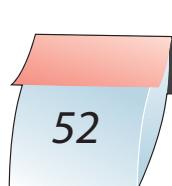
Candy Slices



45 magenta
slices



13 purple
slices



26 turquoise
slices



48 yellow
slices

$$\frac{45}{72} = \underline{\underline{\frac{5}{8}}}$$

$$\frac{13}{65} = \underline{\underline{\frac{1}{5}}}$$

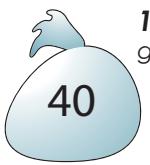
$$\frac{26}{52} = \frac{2}{4} = \underline{\underline{\frac{1}{2}}}$$

$$\frac{48}{84} = \underline{\underline{\frac{4}{7}}}$$

Gummy Bears



21 yellow
gummy bears



12 red
gummy bears



26 green
gummy bears



5 orange
gummy bears

$$\frac{21}{84} = \frac{3}{12} = \underline{\underline{\frac{1}{4}}}$$

$$\frac{12}{40} = \underline{\underline{\frac{3}{10}}}$$

$$\frac{26}{63}$$

$$\frac{5}{45} = \underline{\underline{\frac{1}{9}}}$$

Activity: With your own favorite colorful candy, find the fractions of each color in the bag.

Answer Sheet

Math
Fraction

Answer Sheet

#1

Fraction Action! Writing The Lowest Form

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

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

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.

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

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.

$$\frac{4}{12} = \frac{4 \div 4}{12 \div 4} = \frac{1}{3}$$

$$\frac{5}{30} = \frac{5 \div 5}{30 \div 5} = \frac{1}{6}$$

$$\frac{8}{24} = \frac{8 \div 8}{24 \div 8} = \frac{1}{3}$$

Fill in the missing numerator or denominator.

$$\frac{7}{35} = \frac{1}{5}$$

$$\frac{3}{63} = \frac{1}{21}$$

$$\frac{6}{36} = \frac{1}{6}$$

$$\frac{9}{33} = \frac{3}{11}$$

Answer Sheet

Math
Fraction

Answer Sheet

#2

Fraction Action! Writing The Lowest Form

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

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

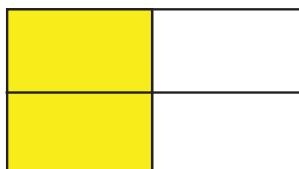
The common factor of 8 and 12 is 4 because $8 = 2 \times 4$ and $12 = 3 \times 4$.

Then, divide the numerator and denominator by 4.

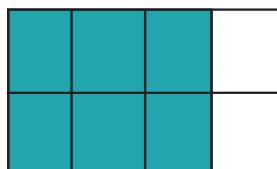
$$\begin{array}{l} \text{divide the numerator} \rightarrow 8 \div 4 \\ \text{divide the denominator} \rightarrow 12 \div 4 \end{array}$$

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

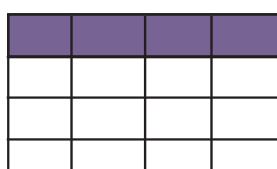
Look at the shading area on the left side. Write the fraction and then reduce it to the lowest form. See the example.



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



$$= \frac{6}{8} = \frac{3}{4}$$



$$= \frac{4}{16} = \frac{1}{4}$$

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

$$\frac{8}{36} = \frac{2}{9}$$

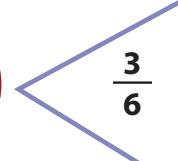
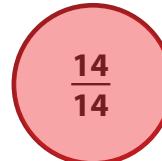
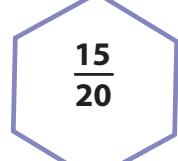
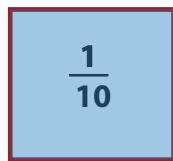
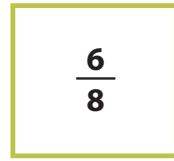
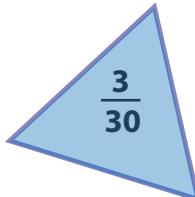
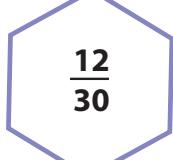
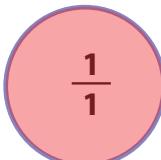
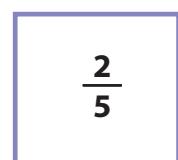
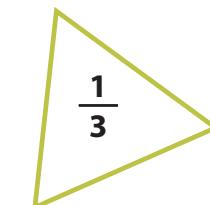
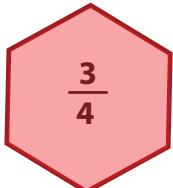
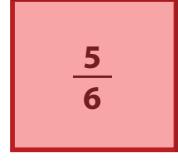
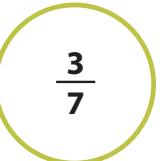
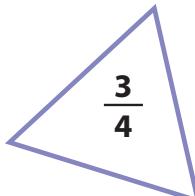
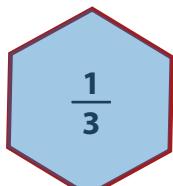
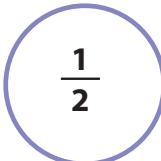
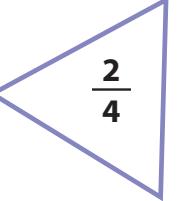
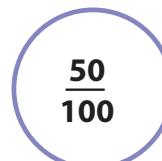
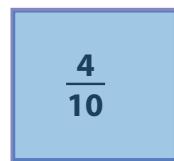
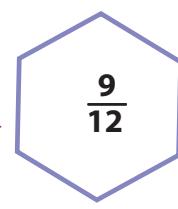
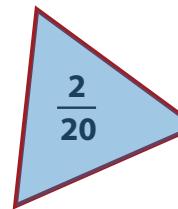
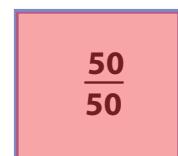
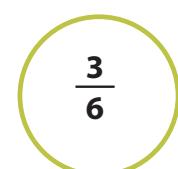
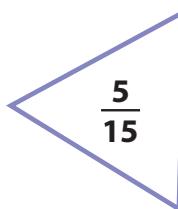
$$\frac{6}{39} = \frac{2}{13}$$

Answer Sheet

Answer Sheet

The Greatest and The Least: Practicing Fractions

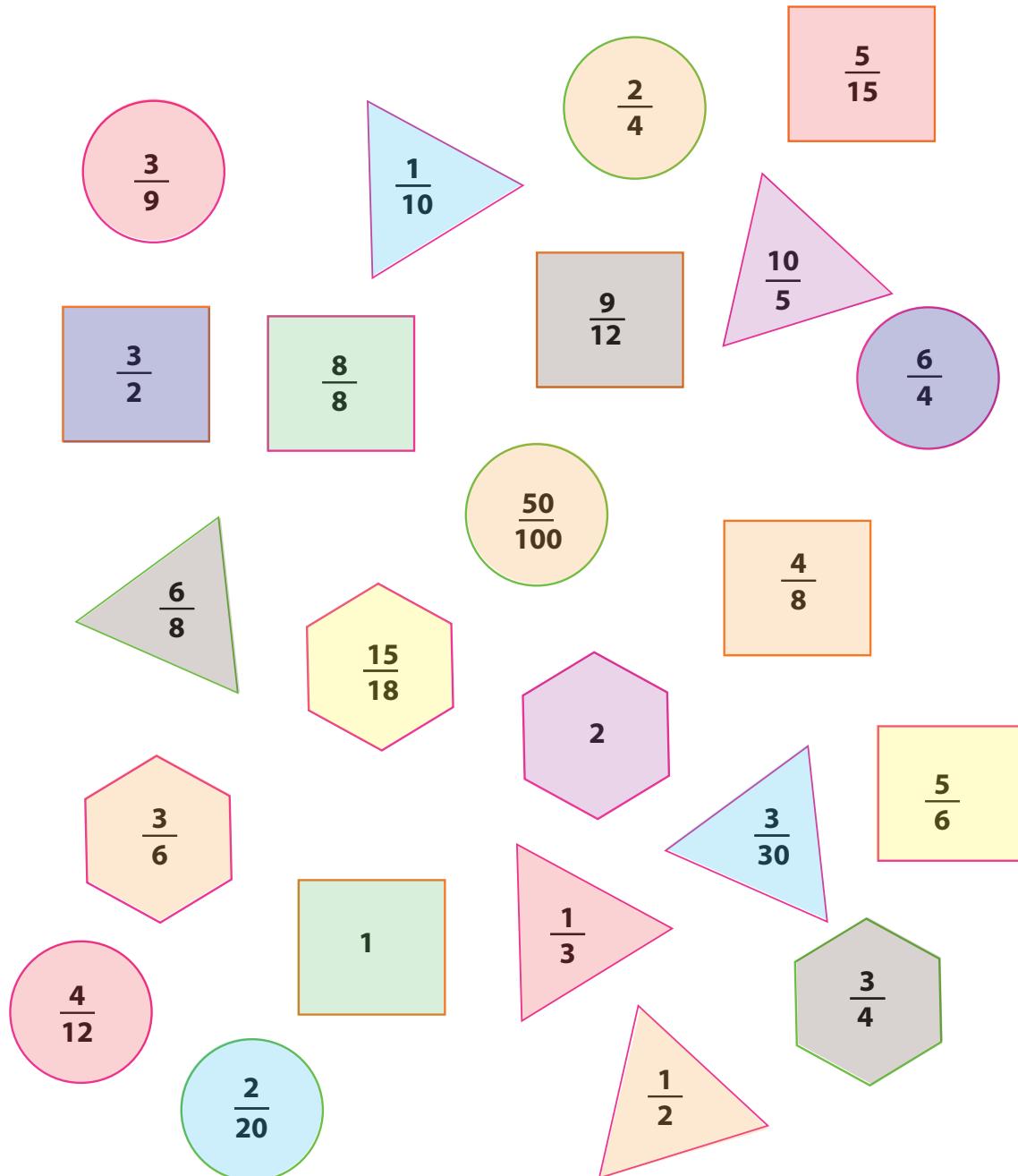
Color in the shape with the greatest value red, and the shape with the least value blue.



Answer Sheet

Colorful Shapes: Practicing Fractions **Answer Sheet**

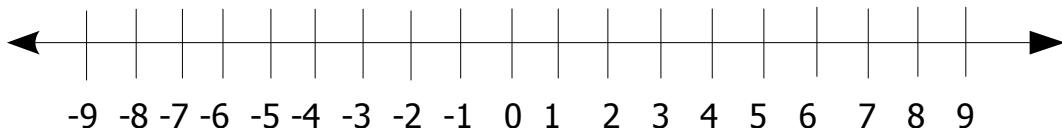
Color in the shapes that have the same value with the same color.



Answer Sheet

Introduction to Integers (answer sheet)

Fill in the missing numbers to complete the number line.



Fill in the blanks with neutral, positive or negative.

Zero is a NEUTRAL integer.

A whole number less than zero is a NEGATIVE integer.

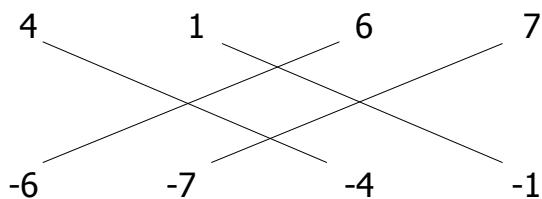
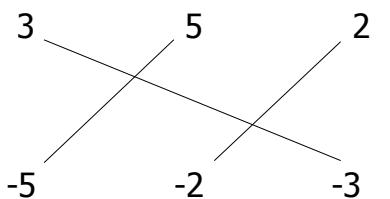
A whole number greater than zero is a POSITIVE integer.

Whole numbers that are POSITIVE 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.

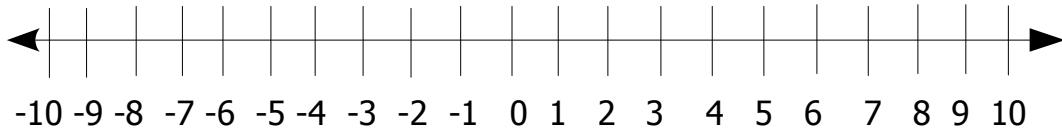


Answer Sheet

Adding Integers

(answer sheet)

Complete the number line.



Complete the addition problems.

$\begin{array}{r} -2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} +4 \\ + -2 \\ \hline \end{array}$	$\begin{array}{r} +5 \\ + -1 \\ \hline \end{array}$	$\begin{array}{r} -6 \\ + +2 \\ \hline \end{array}$	$\begin{array}{r} +8 \\ + +2 \\ \hline \end{array}$	$\begin{array}{r} -1 \\ + -5 \\ \hline \end{array}$	$\begin{array}{r} -9 \\ + +8 \\ \hline \end{array}$
+1	+2	+4	-4	+10	-6	-1
$\begin{array}{r} +7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} -3 \\ + +6 \\ \hline \end{array}$	$\begin{array}{r} -4 \\ + +5 \\ \hline \end{array}$	$\begin{array}{r} +9 \\ + -7 \\ \hline \end{array}$	$\begin{array}{r} +6 \\ + -7 \\ \hline \end{array}$	$\begin{array}{r} -5 \\ + +6 \\ \hline \end{array}$	$\begin{array}{r} -4 \\ + -3 \\ \hline \end{array}$
+10	+3	+1	+2	-1	+1	-7

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?

-5	+	-15	=	-20
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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?

-2	+	+6	=	+4
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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?

-11	+	+27	=	+16
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