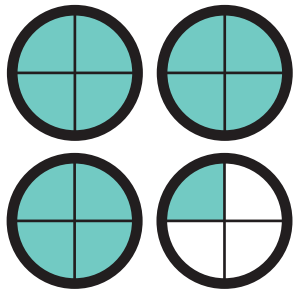
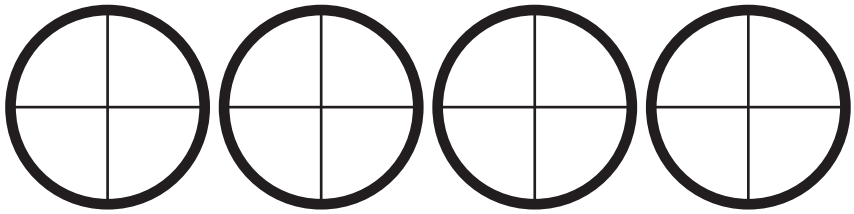
Learn

Fractions & Decimals

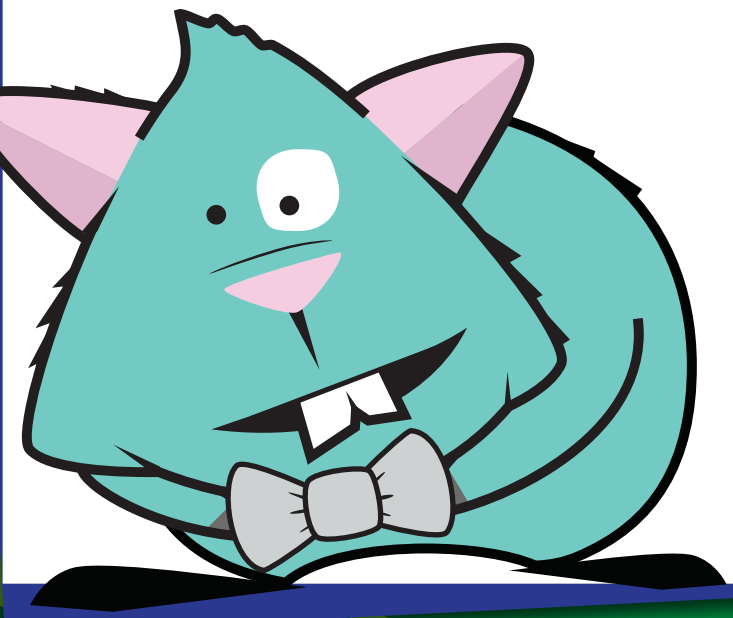
4th Grade

$\frac{13}{4}$  → $3\frac{1}{4}$

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

$\frac{15}{4}$ 

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



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

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

Table of Contents

Learn Fractions and Decimals

** Has an Answer Sheet*

MATH
DECIMALS

Skill Practice 1

Rounding and place values

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

4.253 thounsandths	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 8.2	4`5.128	0.981	2.012	16.061

Hundredths

8.2561 8.26	66.2135	0.8646	7.9843	52.1143

Thousandths

0.8643 0.864	6.5127	0.2155	7.4541	1.8950

Mixed

45.1952 45.20	0.2315	81.0053	90.550	0.0186

MATH
DECIMALS

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 5.3	51.0526	4.832	65.247	1.366

Hundredths

8.2952 7.15	21.5061	84.9315	14.6147	8.4473

Thousandths

52.3615 52.362	0.2381	12.4534	9.0267	9.4125

Mixed

11.2453 11.245	25.8963	94.4135	6.3519	5.7082

MATH
DECIMALS

Skill Practice 1

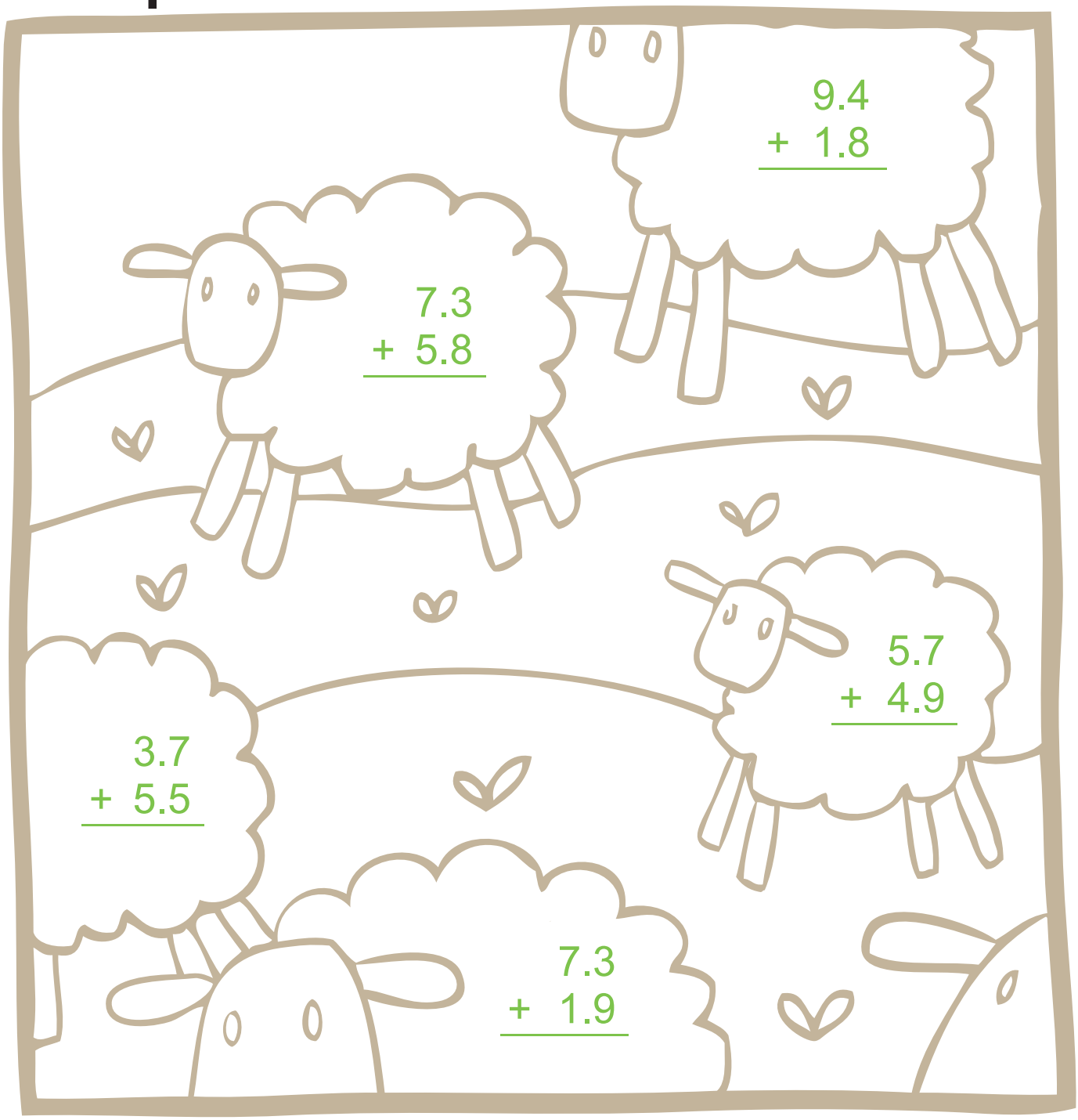
Addition with Decimals

- *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	2.513 + 19.61	24.9+5.73
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

16.20
\+ 9.05
25.25

Sheep Math



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

Instructions:

Complete each math problem and color the page!

MATH 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

61.3-7.35

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

MATH
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

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

8.45-6.3

7.41-.196

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

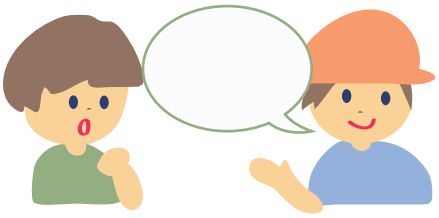
62.45-3.187

1.248-1.19

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

DE

7.09345

S

8.49461

U

8.03912

A

7.201

P

10.0001

Jacob is trying to _____ Jack.

Number Search

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

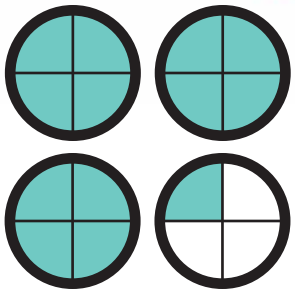
19472	40872	74638
13057	41590	77077
12680	59382	81908
23058	52039	88835
22851	66831	91875
39671	62394	90098
31594	65761	99124

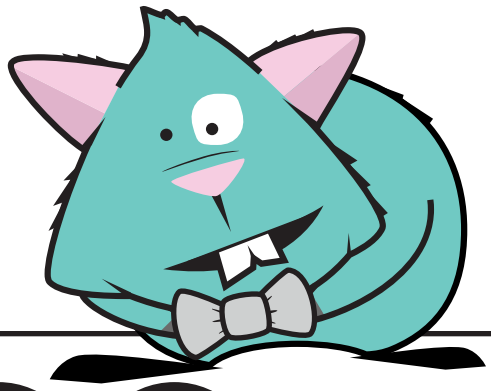
9	1	8	7	5	2	9	1	1	3	0	5	7	6	4	8	2	1	4	3	4	5
1	7	9	0	4	7	3	5	2	2	6	7	5	3	6	2	3	9	4	0	0	9
2	7	3	9	6	7	1	0	6	6	8	9	5	7	3	2	1	2	3	5	8	1
2	5	9	0	6	0	4	4	8	3	7	5	6	1	9	6	5	2	2	8	7	4
5	4	5	0	3	7	9	8	0	7	2	4	2	4	6	7	9	9	4	1	2	3
9	9	3	9	1	7	4	6	5	6	3	3	7	5	5	1	4	0	5	2	7	6
5	5	7	8	9	5	8	2	4	3	0	0	8	4	6	3	9	1	1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

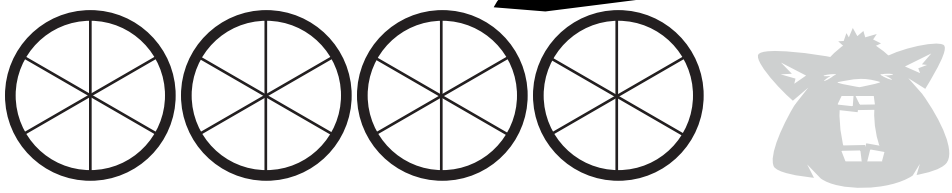
Kramsters are very picky eaters. Feed each kramster the correct number of pellets by converting the following improper fractions to mixed numbers. Color in the pellets to match each mixed number.

EXAMPLE:

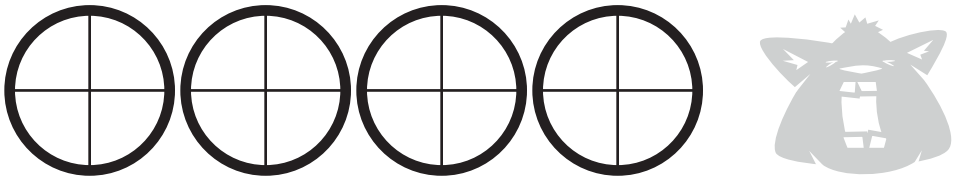
$\frac{13}{4}$ →  → $3\frac{1}{4}$



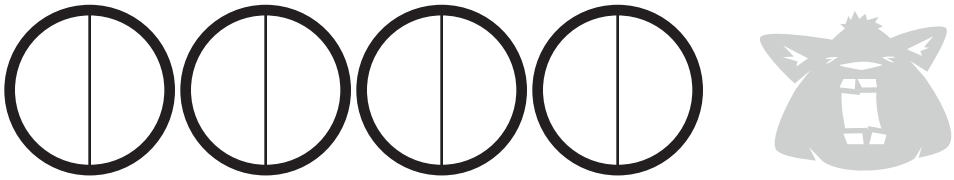
$\frac{12}{6}$



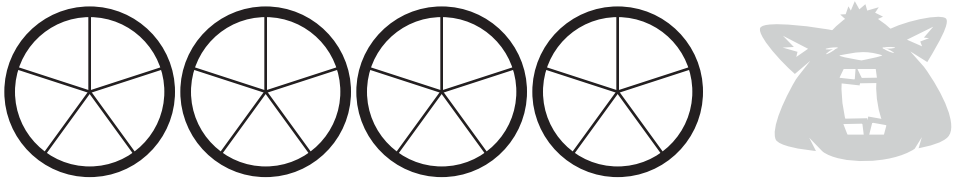
$\frac{15}{4}$



$\frac{3}{2}$

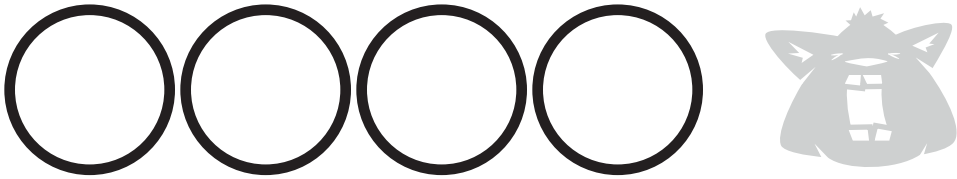


$\frac{14}{5}$



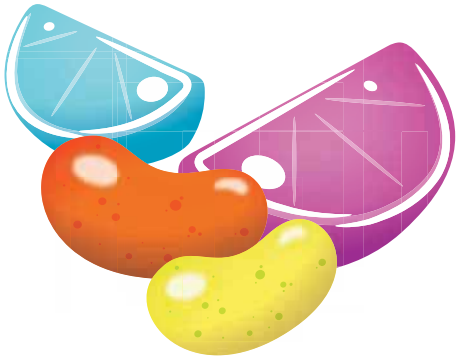
For the last one, shade in the pellets without guidelines.

$\frac{20}{6}$



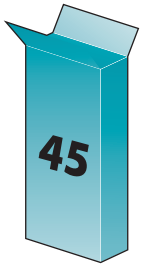
MATH
FRACTIONS

Simple Pleasures Candy

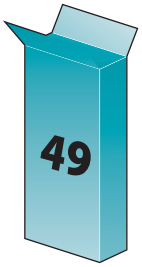


Fractions are everywhere, even in candy! Look at the boxes of candy below and simplify the ratios of the colors to the total number of pieces of candy in each bag.
Look at the number on the box and the number of the color given and simplify the fraction. Be sure to show your work.

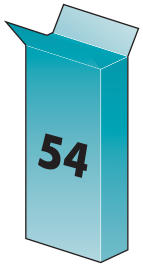
Jelly Beans



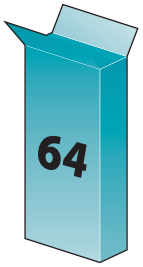
18 *orange jelly beans*



21 *blue jelly beans*



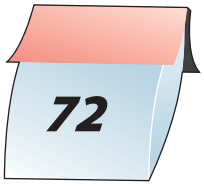
18 *mangenta jelly beans*



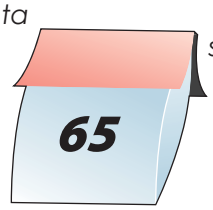
24 *green jelly beans*

orange jelly beans $\frac{18}{45} \div 9 = \frac{2}{5}$ *total #*

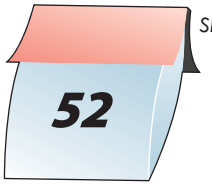
Candy Slices



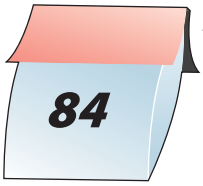
45 *magenta slices*



13 *purple slices*

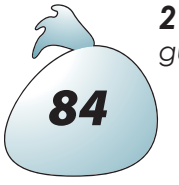


26 *turquoise slices*

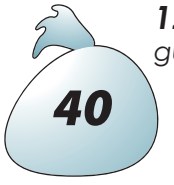


48 *yellow slices*

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.*

Math
Fraction

#1

Fraction Action! Writing The Lowest Form

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

The numerator → 6
The denominator → 9

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.

divide the numerator → $6 \div 3$
divide the denominator → $9 \div 3$

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.

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

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

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

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

Math
Fraction

#2

Fraction Action! Writing The Lowest Form

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

The numerator → 8
The denominator → 12

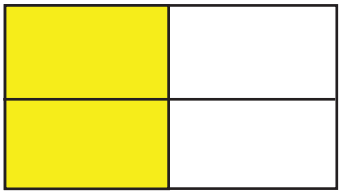
The common factor of 8 and 12 is 4 because $8 = 2 \times 4$ **and** $12 = 3 \times 4$.

Then, divide the numerator and denominator by 4.

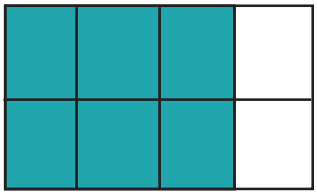
divide the numerator → $8 \div 4$
divide the denominator → $12 \div 4$

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

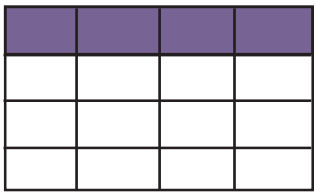
Look at the shading area on the left side. Write the fraction and then reduce it to the lowest form. See the example.



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



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



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

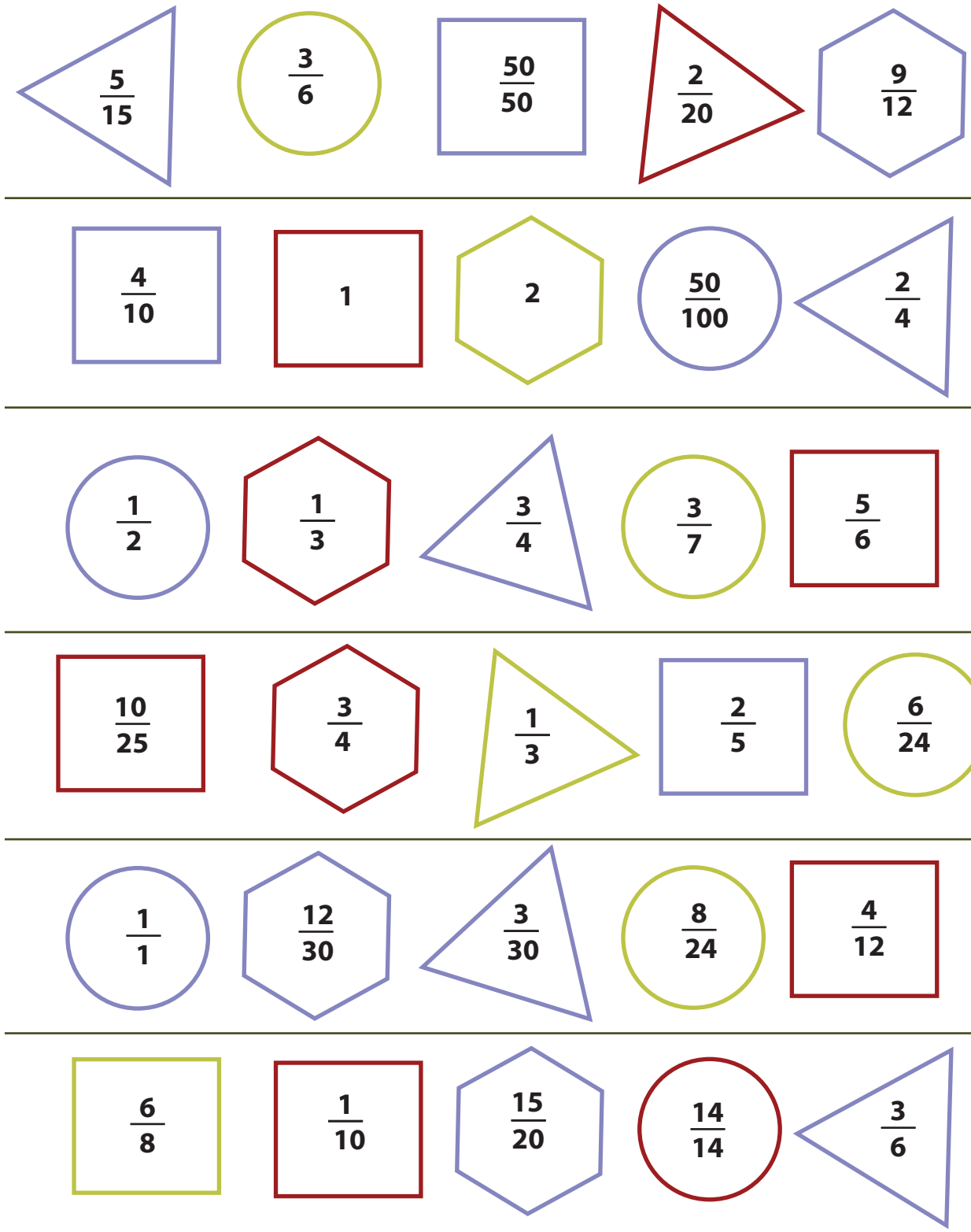
Find the lowest form of the fraction below. Write it down. Show your work.

$\frac{8}{36}$

$\frac{6}{39}$

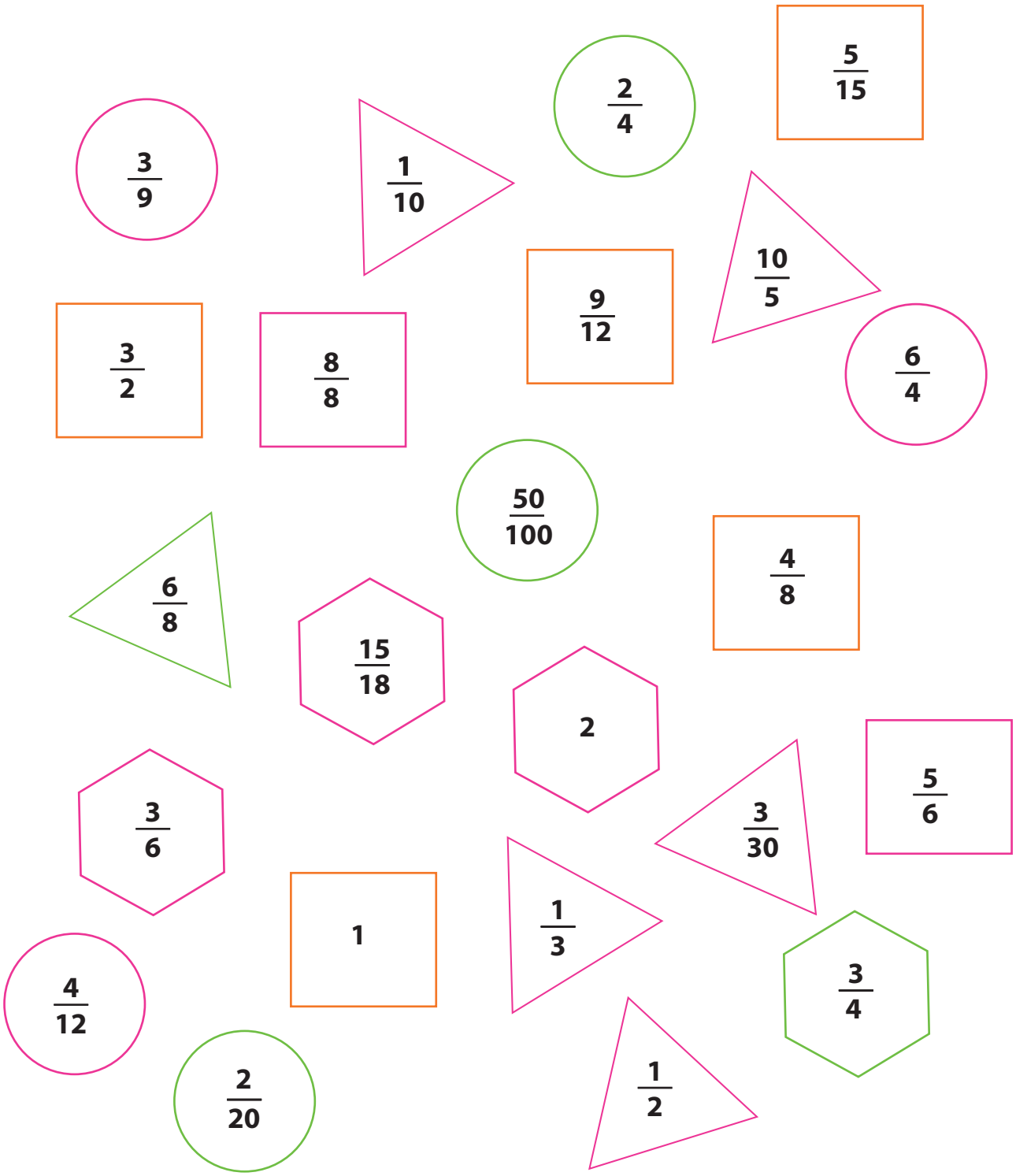
The Greatest and The Least: Practicing Fractions

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



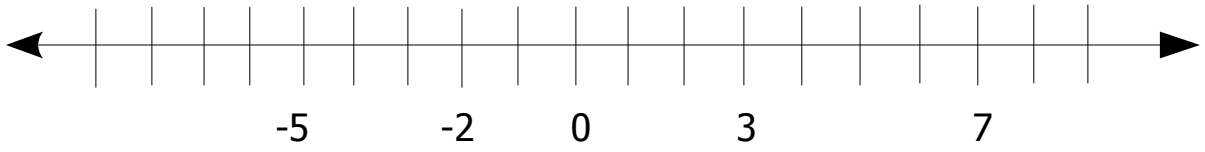
Colorful Shapes: Practicing Fractions

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



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 ½ 3 -2 0 ¾ +6 8 -7 ¼ 1 +9

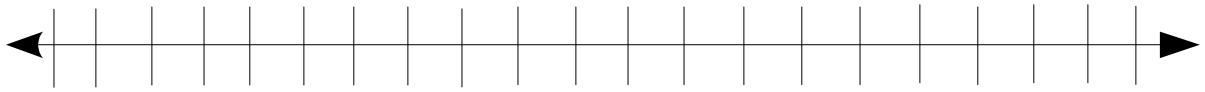
Match the opposite integers.

3 5 2 4 1 6 7

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

Adding Integers

Complete the number line.



Complete the addition problems.

-2 + +3	+4 + -2	+5 + -1	-6 + +2	+8 + +2	-1 + -5	-9 + +8
+7 + +3	-3 + +6	-4 + +5	+9 + -7	+6 + -7	-5 + +6	-4 + -3

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?

	+		=	

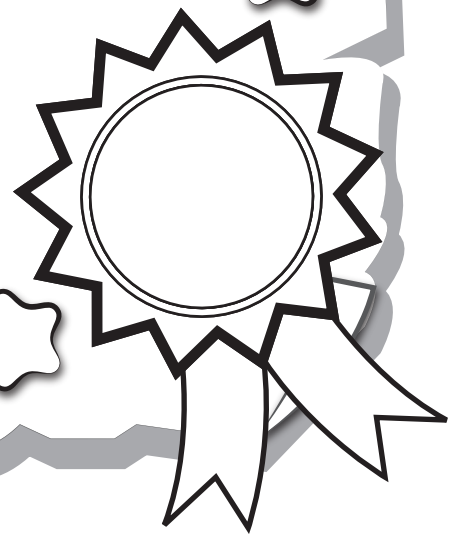
The base of a hill is 11 feet below sea level.
The hill is 27 feet high.
How much of the hill is above sea level?

	+		=	

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

Answer Sheet

MATH DECIMALS

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 hundredths	95.408 thousandths
0.021 thousandths	10.5 tenths	8.506 thousandths
8.52 hundredths	9.321 thousandths	50.2 tenths
89.8 tenths	4,512.3 tenths	88.22 hundredths

- *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 8.2	45.128 45.1	0.981 1.0	2.012 2.0	16.061 16.1

Hundredths

8.2561 8.26	66.2135 66.21	0.8646 0.86	7.9843 7.98	52.1143 52.11

Thousandths

0.8643 0.864	6.5127 6.513	0.2155 0.216	7.4541 7.454	1.8950 1.895

Mixed

45.1952 45.20	0.2315 0.232	81.0053 81.005	90.550 90.6	0.0186 0.019

Answer Sheet

ANSWER SHEET

MATH DECIMALS

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 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

MATH
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

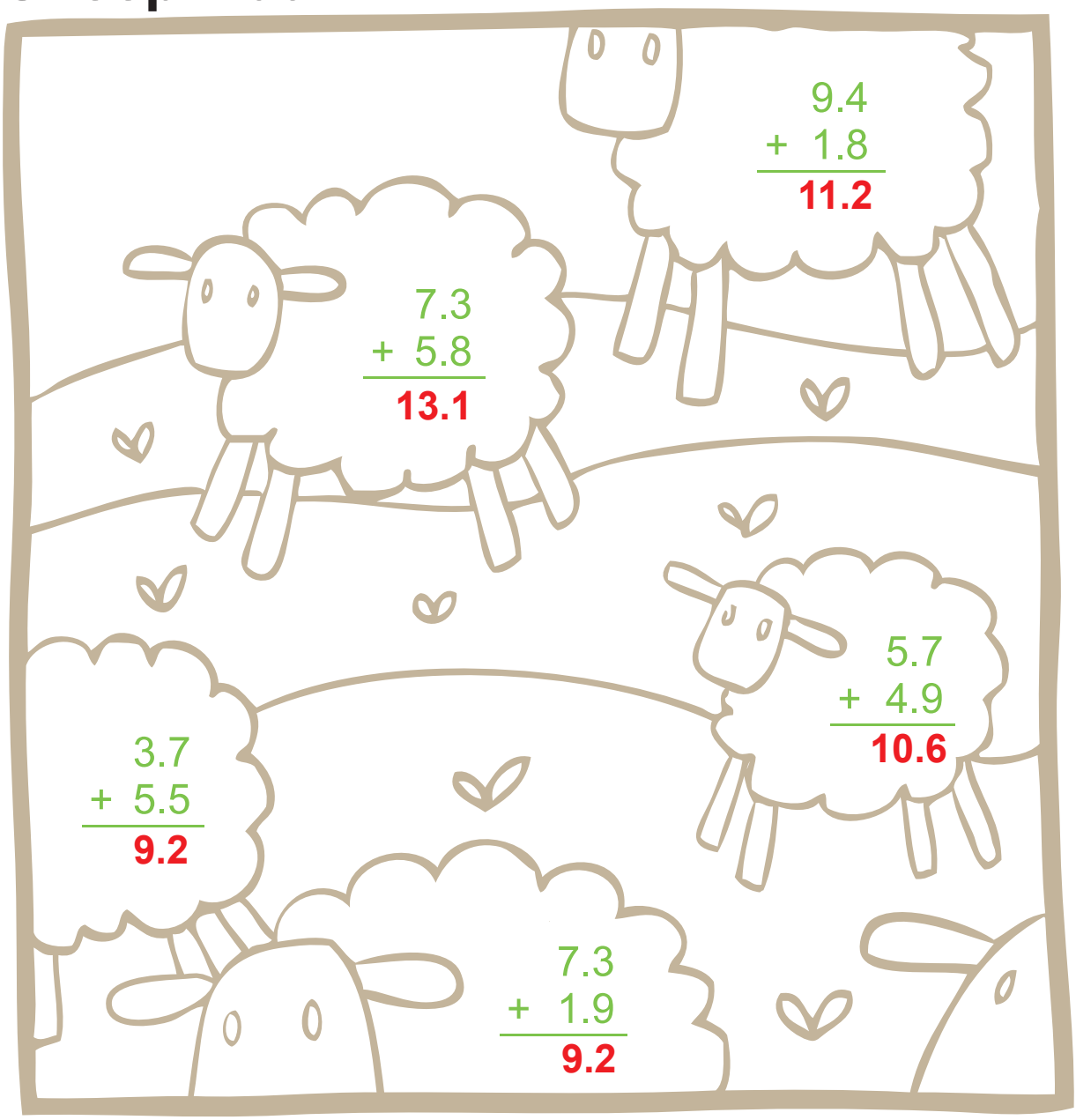
$$\begin{array}{r} 1.358 \\ +\ 250.2 \\ \hline 251.558 \end{array}$$

0.53 + 64.095

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

ANSWER SHEET

Sheep Math



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

Instructions:

Complete each math problem and color the page!

Answer Sheet

MATH 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

MATH 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

DE
7.09345

S
8.49461

U
8.03912

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

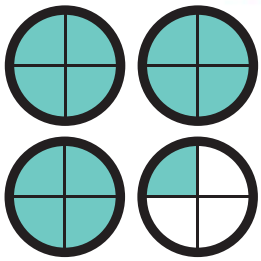
9	1	8	7	5	2	9	1	1	3	0	5	7	6	4	8	2	1	4	3	4	5
1	7	9	0	4	7	3	5	2	2	6	7	5	3	6	2	3	9	4	0	0	9
2	7	3	9	6	7	1	0	6	6	8	9	5	7	3	2	1	2	3	5	8	1
2	5	9	0	6	0	4	4	8	3	7	5	6	1	9	6	5	2	2	8	7	4
5	4	5	0	3	7	9	8	0	7	2	4	2	4	6	7	9	9	4	1	2	3
9	9	3	9	1	7	4	6	5	6	3	3	7	5	5	1	4	0	5	2	7	6
5	5	7	8	9	5	8	2	4	3	0	0	8	4	6	3	9	1	1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

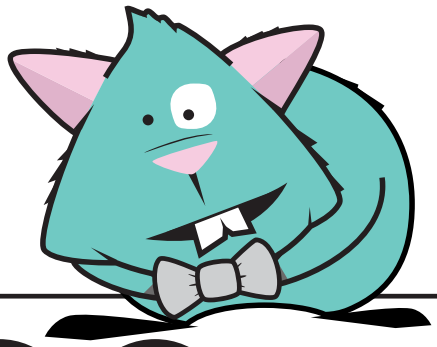
Answer Sheet

Feed The Kramsters!

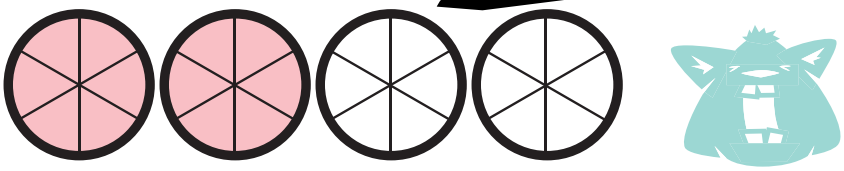
Kramsters are very picky eaters. Feed each kramster the correct number of pellets by converting the following improper fractions to mixed numbers. Color in the pellets to match each mixed number.

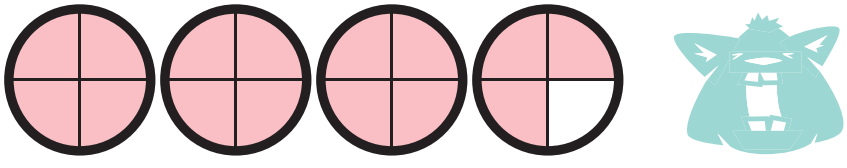
EXAMPLE:

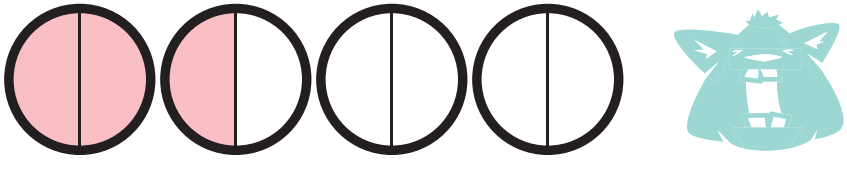
$\frac{13}{4}$  → $3\frac{1}{4}$

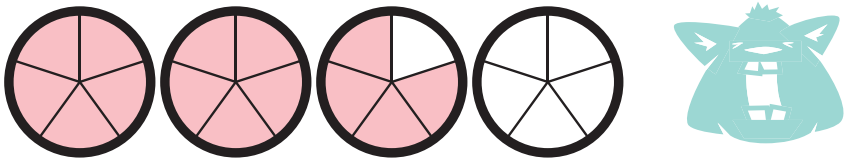


ANSWERS

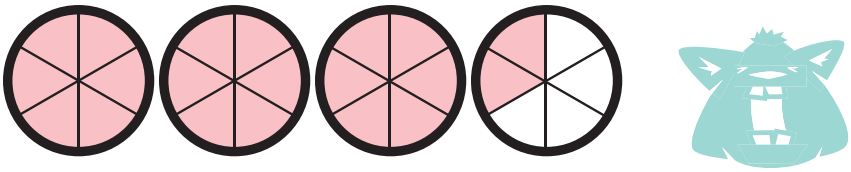
$\frac{12}{6} = 2$ 

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

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

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

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

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

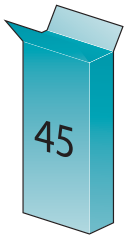
Answer Sheet

MATH
FRACTIONS

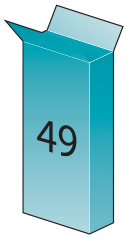
Simple Pleasures Candy

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.

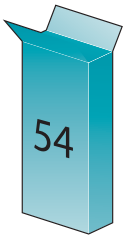
Jelly Beans



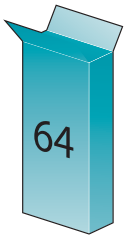
18 *orange jelly beans*



21 *blue jelly beans*



18 *mangenta jelly beans*



24 *green jelly beans*

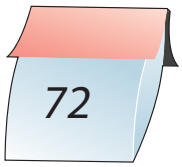
orange jelly beans / total # $\frac{18 \div 9}{45 \div 9} = \frac{2}{5}$

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

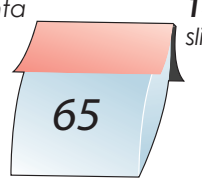
$\frac{18 \div 9}{54 \div 9} = \frac{2}{6} = \frac{1}{3}$

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

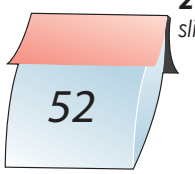
Candy Slices



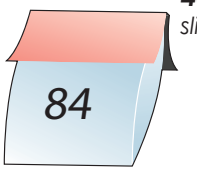
45 *magenta slices*



13 *purple slices*



26 *turquoise slices*



48 *yellow slices*

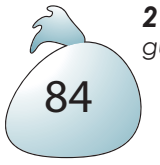
$\frac{45}{72} = \frac{5}{8}$

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

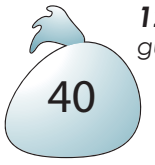
$\frac{26}{52} = \frac{2}{4} = \frac{1}{2}$

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

Gummy Bears



21 *yellow gummy bears*



12 *red gummy bears*

26 *green gummy bears*

5 *orange gummy bears*

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

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

$\frac{26}{63}$

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

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.

The numerator → 6
The denominator → 9

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.

divide the numerator → $6 \div 3$
divide the denominator → $9 \div 3$

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.

The numerator → 8
The denominator → 12

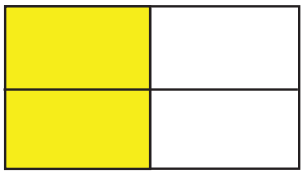
The common factor of 8 and 12 is 4 because $8 = 2 \times 4$ **and** $12 = 3 \times 4$.

Then, divide the numerator and denominator by 4.

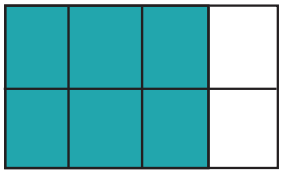
divide the numerator → $8 \div 4$
divide the denominator → $12 \div 4$

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

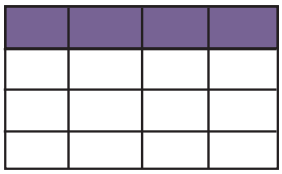
Look at the shading area on the left side. Write the fraction and then reduce it to the lowest form. See the example.



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



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



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

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

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

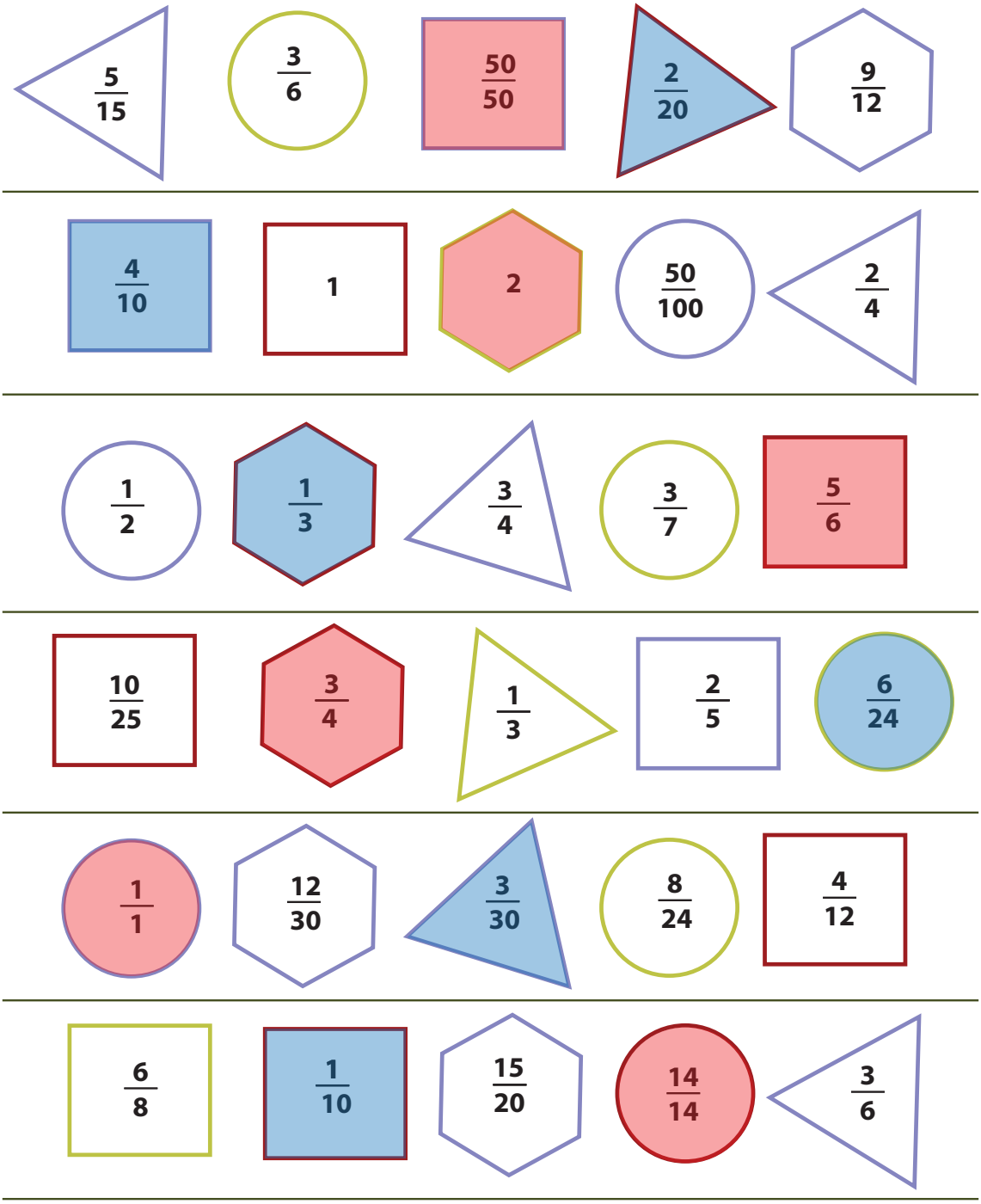
$\frac{6}{39} = \frac{2}{13}$

Answer Sheet

Answer Sheet

The Greatest and The Least: Practicing Fractions

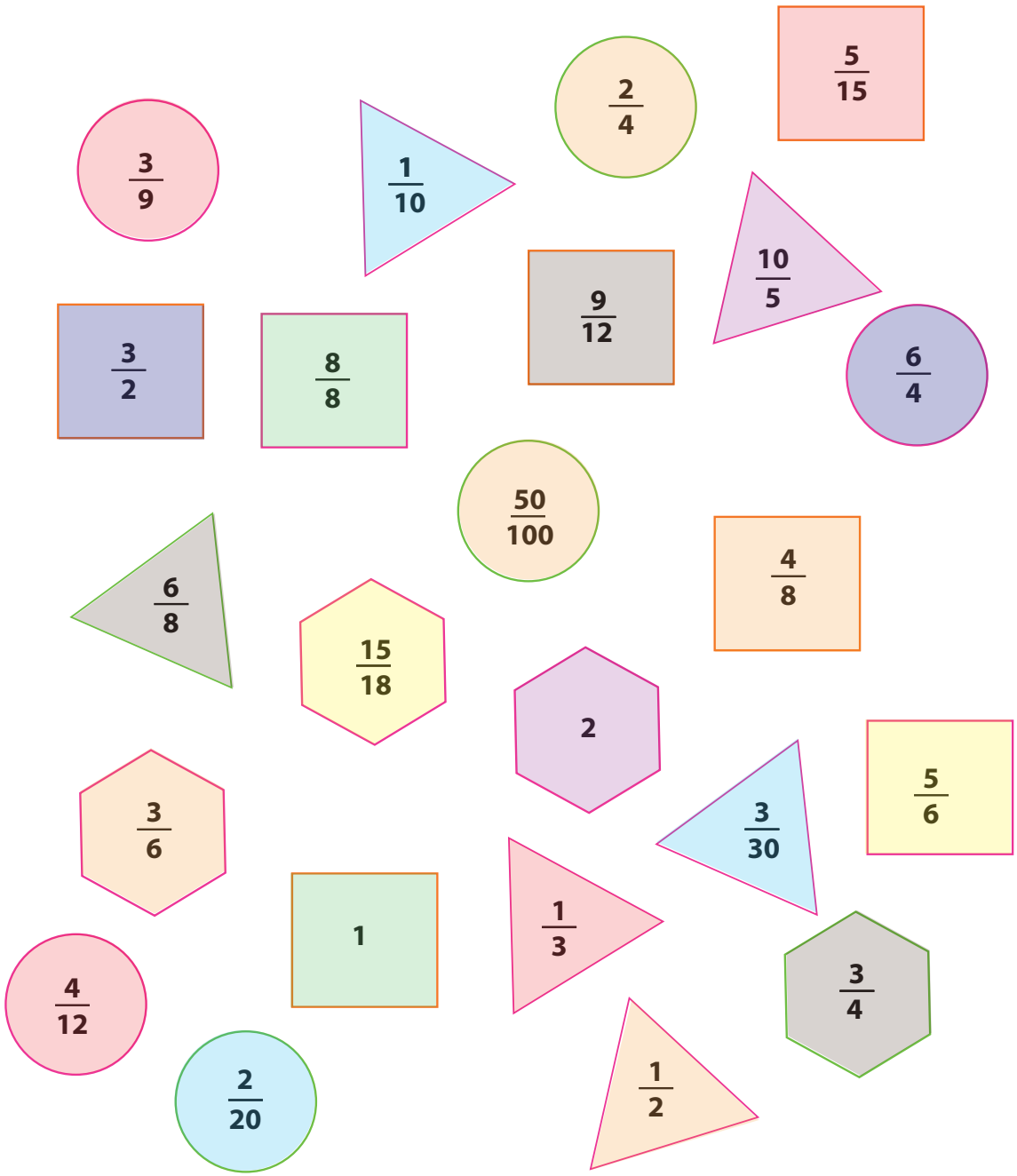
Color in the shape with the greatest value red, and the shape with the least value blue.



Answer Sheet

Colorful Shapes: Practicing Fractions Answer Sheet

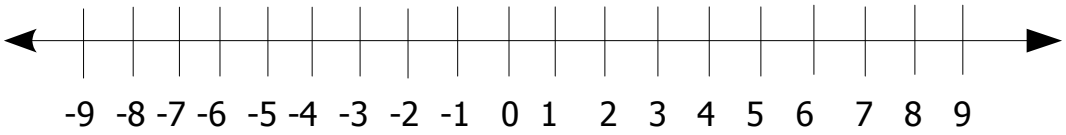
Color in the shapes that have the same value with the same color.



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.

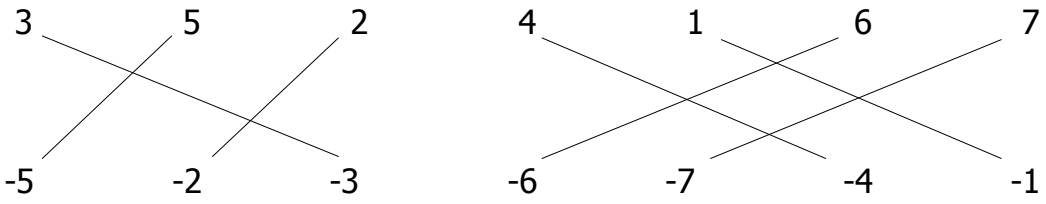
A whole number greater than zero is a ___POSITIVE_____ integer.

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

Circle the integers.

-4 ½ 3 -2 0 ¾ +6 8 -7 ¼ 1 +9

Match the opposite integers.



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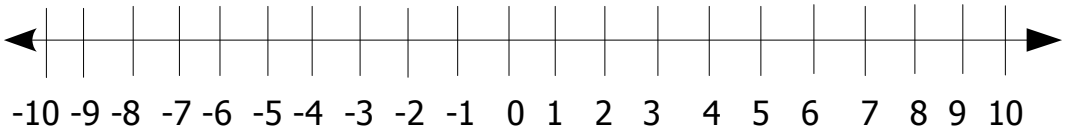
Answer Sheet

Adding Integers
(answer sheet)

Complete the number line.



Complete the addition problems.

-2 + +3	+4 + -2	+5 + -1	-6 + +2	+8 + +2	-1 + -5	-9 + +8
+1	+2	+4	-4	+10	-6	-1
+7 + +3	-3 + +6	-4 + +5	+9 + -7	+6 + -7	-5 + +6	-4 + -3
+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

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

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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