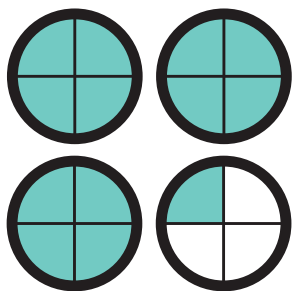


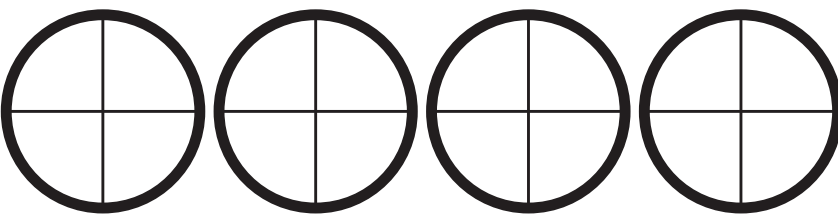
Learn

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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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.

4.25 <u>3</u> <i>thousandths</i>	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	0.981	2.012	16.061
<u>8.2</u>				

Hundredths

8.2561	66.2135	0.8646	7.9843	52.1143
<u>8.26</u>				

Thousandths

0.8643	6.5127	0.2155	7.4541	1.8950
<u>0.864</u>				

Mixed

45.19 <u>5</u> 2	0.23 <u>1</u> 5	81.00 <u>5</u> 3	90. <u>5</u> 50	0.01 <u>8</u> 6
<u>45.20</u>				





Skill Practice 3

Rounding and place values

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

90. <u>3</u> <i>tenths</i>	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
<u>5.3</u>				

Hundredths

8.2952	21.5061	84.9315	14.6147	8.4473
<u>7.15</u>				

Thousandths

52.3615	0.2381	12.4534	9.0267	9.4125
<u>52.362</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>				





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.

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

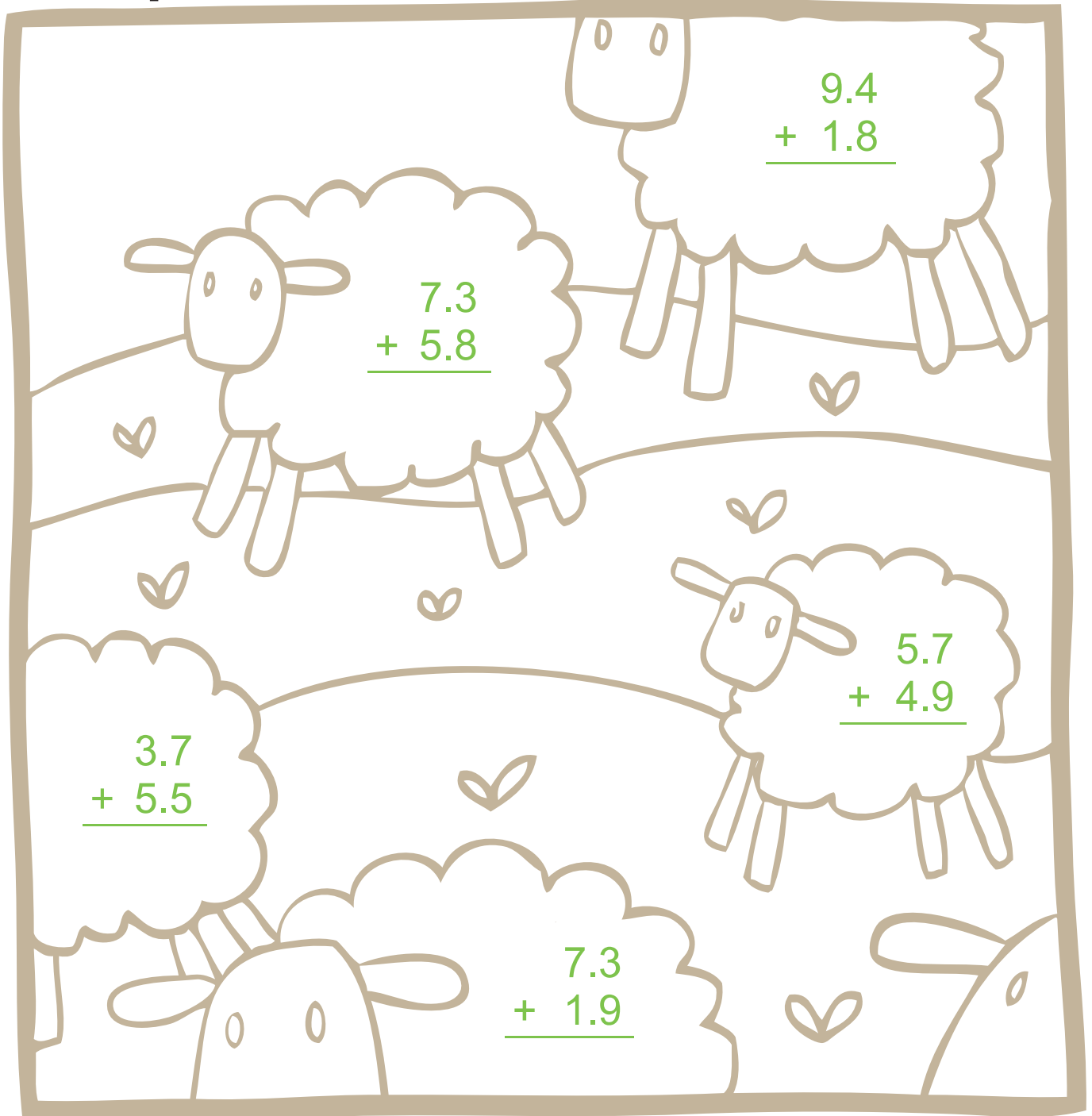
$$16.2 + 9.05 \quad 2.513 + 19.61 \quad 24.9 + 5.73$$

$$72.52 + 0.214 \quad 2.83 + 1.994 \quad 243.1 + 3.07$$

$$1.203 + 16.48 \quad 14.63 + 12.9 \quad 10.5 + 3.481$$

$$37.53 + 22.8 \quad 1.358 + 250.2 \quad 0.53 + 64.095$$

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.

$$95.2 - 5.58$$

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

$$8.23 - 1.257$$

$$61.3 - 7.35$$

$$10.08 - 9.6$$

$$7.109 - 3.3$$

$$75.3 - 13.19$$

$$8.024 - 6.76$$

$$18.8 - 14.52$$

$$5.6 - 2.863$$

$$7.25 - 6.01$$

$$25.3 - 4.192$$

$$70.5 - 4.61$$



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.

$$18.63 - 2.041$$

$$8.45 - 6.3$$

$$7.41 - .196$$

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

$$4.215 - 3.2$$

$$20.12 - 13.7$$

$$4.2 - .429$$

$$126.4 - .147$$

$$77.98 - 15.6$$

$$43.2 - 12.75$$

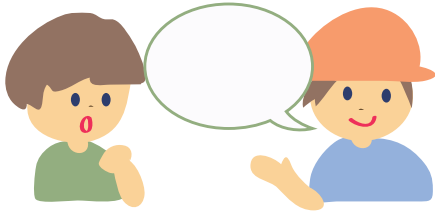
$$9.35 - 3.282$$

$$62.45 - 3.187$$

$$1.248 - 1.19$$

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

DE

7.09345

S

8.49461

U

8.03912

P

10.0001

A

7.201

Jacob is trying to _____ Jack.

Number Search



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

19472
13057
12680
23058
22851
39671
31594

40872
41590
59382
52039
66831
62394
65761

74638
77077
81908
88835
91875
90098
99124

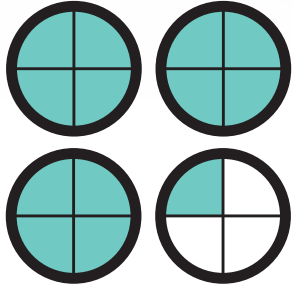
9 1 8 7 5 2 9 1 1 3 0 5 7 6 4 8 2 1 4 3 4 5
1 7 9 0 4 7 3 5 2 2 6 7 5 3 6 2 3 9 4 0 0 9
2 7 3 9 6 7 1 0 6 6 8 9 5 7 3 2 1 2 3 5 8 1
2 5 9 0 6 0 4 4 8 3 7 5 6 1 9 6 5 2 2 8 7 4
5 4 5 0 3 7 9 8 0 7 2 4 2 4 6 7 9 9 4 1 2 3
9 9 3 9 1 7 4 6 5 6 3 3 7 5 5 1 4 0 5 2 7 6
5 5 7 8 9 5 8 2 4 3 0 0 8 4 6 3 9 1 1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

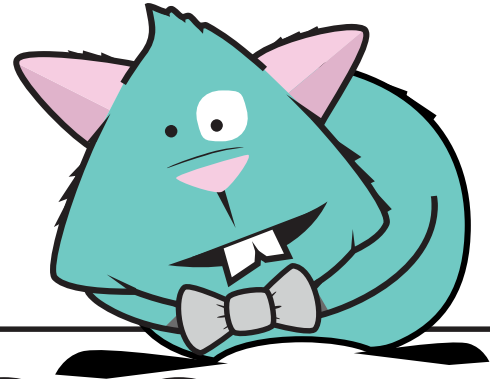
Kramsters are very picky eaters. Feed each kramster the correct number of pellets by converting the following improper fractions to mixed numbers. Color in the pellets to match each mixed number.

EXAMPLE:

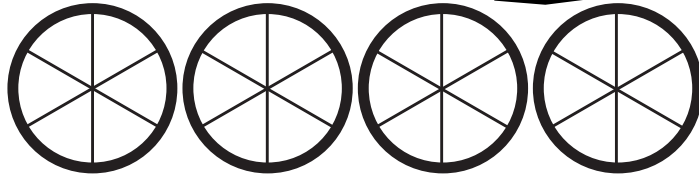
$$\frac{13}{4}$$



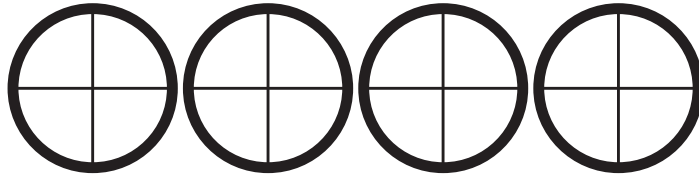
$$\rightarrow 3\frac{1}{4}$$



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



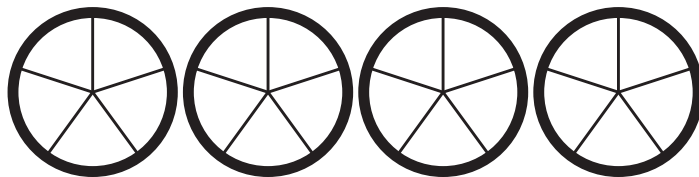
$$\frac{15}{4}$$



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



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

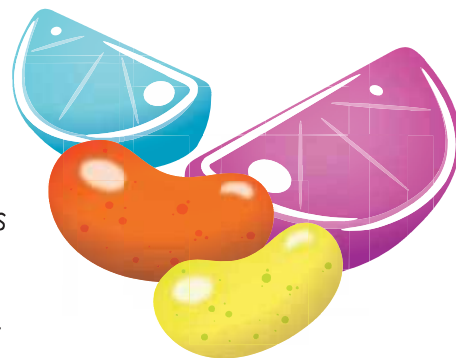


For the last one, shade in the pellets without guidelines.

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



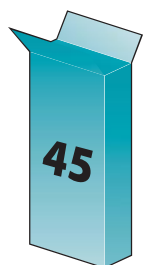
Simple Pleasures Candy



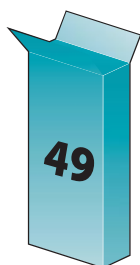
Fractions are everywhere, even in candy! Look at the boxes of candy below and simplify the ratios of the colors to the total number of pieces of candy in each bag.

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



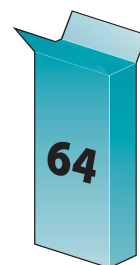
18 orange jelly beans



21 blue jelly beans



18 magenta jelly beans

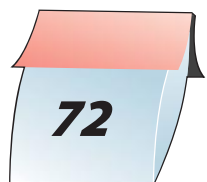


24 green jelly beans

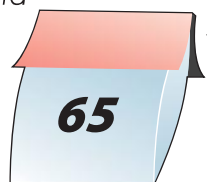


orange jelly beans $\frac{18 \div 9}{45 \div 9} = \frac{2}{5}$
total #

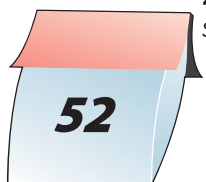
Candy Slices



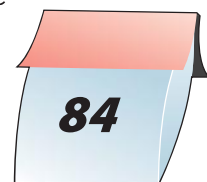
45 magenta slices



13 purple slices



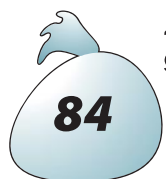
26 turquoise slices



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.