# *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

## 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

**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
```

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# 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.
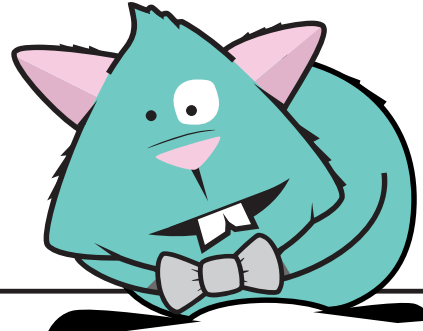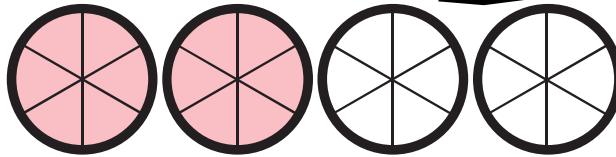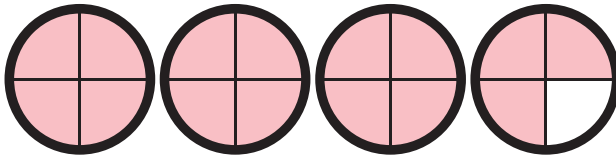
**EXAMPLE:**
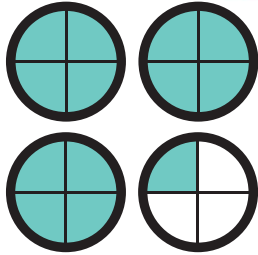
$\dfrac{13}{4}$ → $3\dfrac{1}{4}$
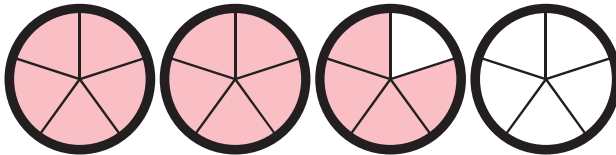
**ANSWERS**

$\dfrac{12}{6}$ = **2**

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

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

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

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

$\dfrac{20}{6}$ = $3\dfrac{1}{3}$
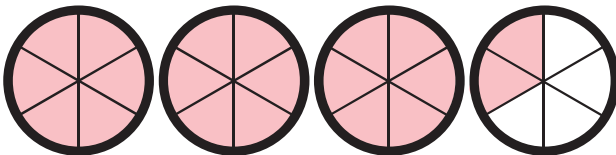
# Answer Sheet

**MATH FRACTIONS**
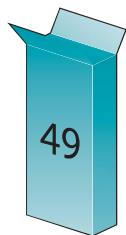
## Simple Pleasures Candy

*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.**
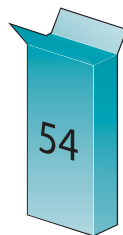
### Jelly Beans

**18** *orange jelly beans*  
**21** *blue jelly beans*  
**18** *mangenta jelly beans*  
**24** *green jelly beans*

45    49    54    64
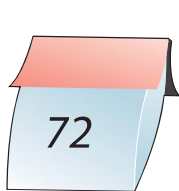
orange jelly beans / total # 

$$\frac{18 \div 9}{45 \div 9} = \frac{2}{5}$$
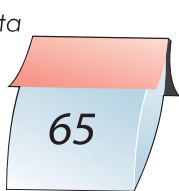
$$\frac{21 \div 7}{49 \div 7} = \frac{3}{7}$$

$$\frac{18 \div 9}{54 \div 9} = \frac{2}{6} = \frac{1}{3}$$
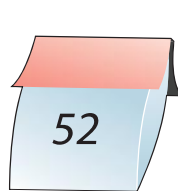
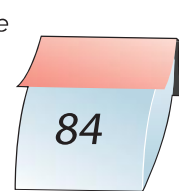$$\frac{24 \div 8}{64 \div 8} = \frac{3}{8}$$

### Candy Slices

**45** *magenta slices*  
**13** *purple slices*  
**26** *turquoise slices*  
**48** *yellow slices*

72    65    52    84

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

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

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

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

### Gummy Bears

**21** *yellow gummy bears*  
**12** *red gummy bears*  
**26** *green gummy bears*  
**5** *orange gummy bears*

84    40    63    45

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

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

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

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

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

# Answer Sheet

# Fraction Action! Writing The Lowest Form

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

The numerator $\longrightarrow$ 6
The denominator $\longrightarrow$ 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 $\longrightarrow$ $\dfrac{6 \div 3}{9 \div 3}$
divide the denominator $\longrightarrow$

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

---

**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.**

$$\frac{7}{35} = \frac{1}{5} \qquad\qquad \frac{3}{63} = \frac{1}{21}$$

$$\frac{6}{36} = \frac{1}{6} \qquad\qquad \frac{9}{33} = \frac{3}{11}$$

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# *Answer Sheet*

# Fraction Action! Writing The Lowest Form

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

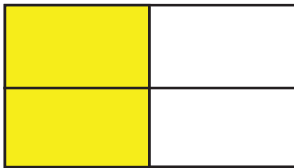*The numerator* $\longrightarrow$ $\dfrac{8}{12}$
*The denominator* $\longrightarrow$

The common factor of 8 and 12 is 4 because $8 = 2 \times 4$ and $12 = 3 \times 4$.
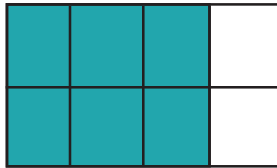
Then, divide the numerator and denominator by 4.

*divide the numerator* $\longrightarrow$ $\dfrac{8 \div 4}{12 \div 4}$
*divide the denominator* $\longrightarrow$

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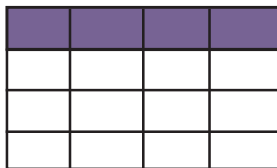
---

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

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

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

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

---

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

$\dfrac{8}{36} = \dfrac{2}{9}$
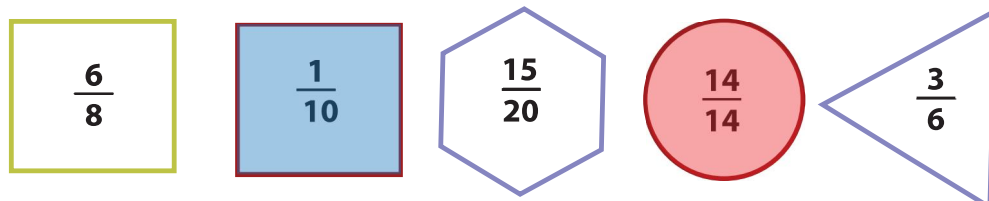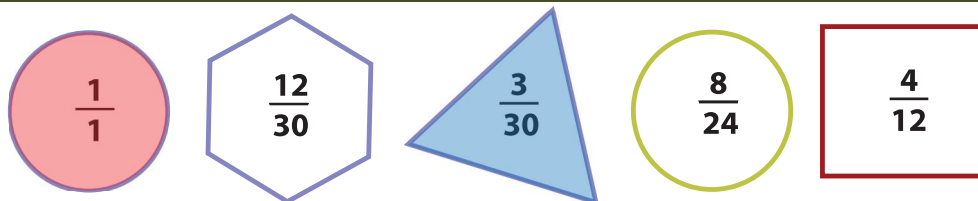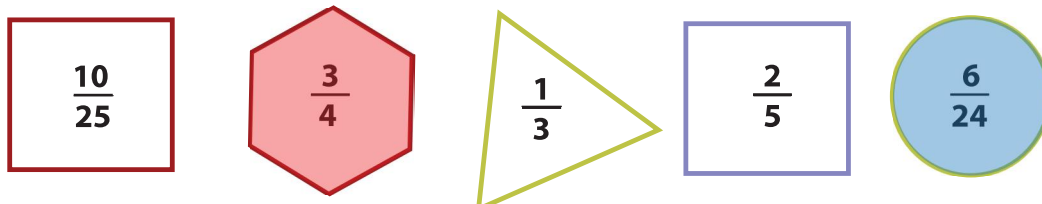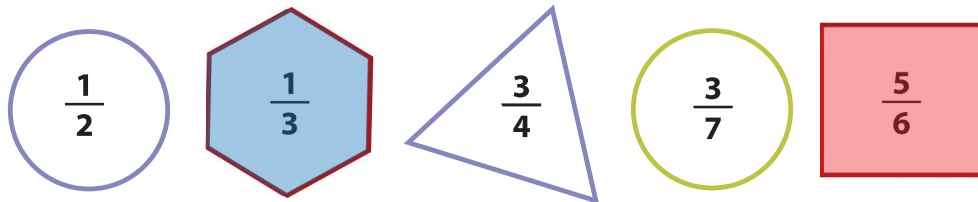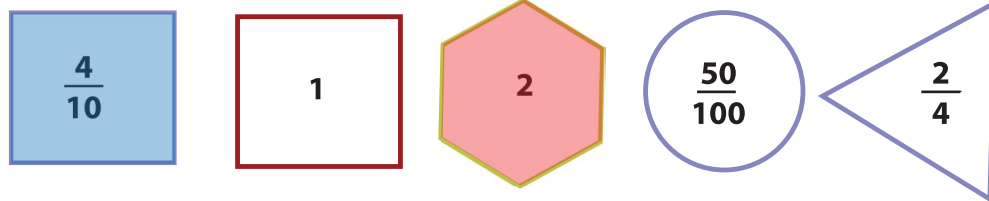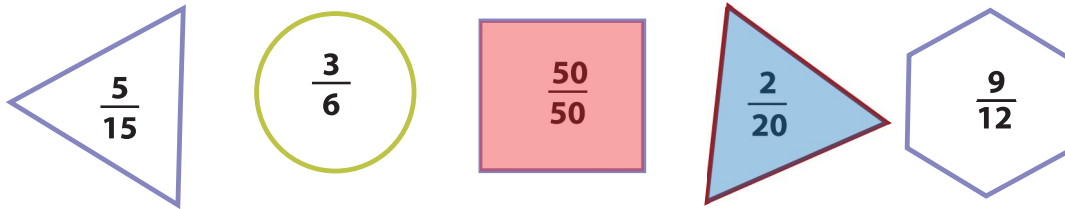
$\dfrac{6}{39} = \dfrac{2}{13}$

# 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.

| | | | | |
|---|---|---|---|---|
| $\frac{5}{15}$ | $\frac{3}{6}$ | $\frac{50}{50}$ | $\frac{2}{20}$ | $\frac{9}{12}$ |
| $\frac{4}{10}$ | $1$ | $2$ | $\frac{50}{100}$ | $\frac{2}{4}$ |
| $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{3}{4}$ | $\frac{3}{7}$ | $\frac{5}{6}$ |
| $\frac{10}{25}$ | $\frac{3}{4}$ | $\frac{1}{3}$ | $\frac{2}{5}$ | $\frac{6}{24}$ |
| $\frac{1}{1}$ | $\frac{12}{30}$ | $\frac{3}{30}$ | $\frac{8}{24}$ | $\frac{4}{12}$ |
| $\frac{6}{8}$ | $\frac{1}{10}$ | $\frac{15}{20}$ | $\frac{14}{14}$ | $\frac{3}{6}$ |

## Colorful Shapes: Practicing Fractions  **Answer Sheet**

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

$\frac{2}{4}$

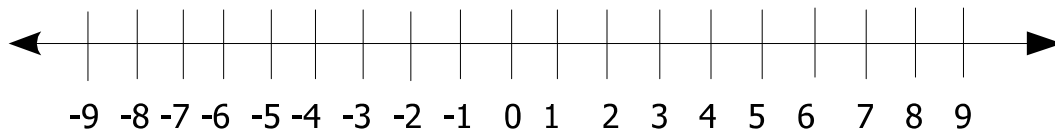$\frac{5}{15}$

$\frac{3}{9}$

$\frac{1}{10}$

$\frac{10}{5}$

$\frac{3}{2}$

$\frac{8}{8}$

$\frac{9}{12}$

$\frac{6}{4}$

$\frac{50}{100}$

$\frac{4}{8}$

$\frac{6}{8}$

$\frac{15}{18}$

2

$\frac{5}{6}$

$\frac{3}{6}$

$\frac{3}{30}$

$\frac{4}{12}$

1

$\frac{1}{3}$

$\frac{3}{4}$

$\frac{2}{20}$

$\frac{1}{2}$

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## Introduction to Integers   (answer sheet)

Fill in the missing numbers to complete the number line.

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

Fill in the blanks with neutral, positive or negative.

Zero is a ____NEUTRAL_____ integer.

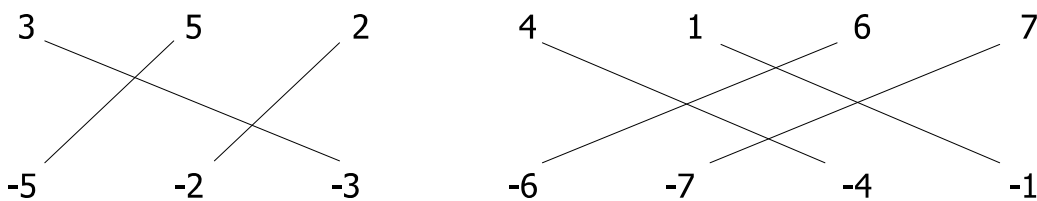A whole number less than zero is a ___NEGATIVE____ integer.

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.

3    5    2        4    1    6    7

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

# *Answer Sheet*

## Adding Integers
(answer sheet)

Complete the number line.

```
◄─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──►
  -10 -9 -8 -7 -6 -5 -4 -3 -2 -1  0  1  2  3  4  5  6  7  8  9 10
```
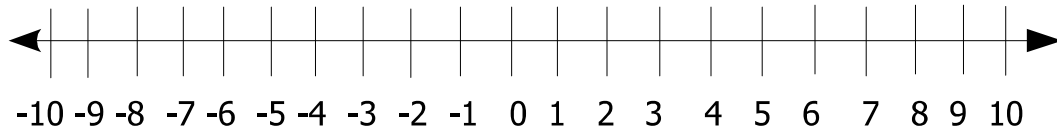
Complete the addition problems.

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

| +7 | -3 | -4 | +9 | +6 | -5 | -4 |
|----|----|----|----|----|----|----|
| + +3 | + +6 | + +5 | + -7 | + -7 | + +6 | + -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 |
|-----|---|-----|---|-----|