



# MATHEMATICS 309

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Meet our friends.  
There's Doc and Revver,  
And Vicky, too.

They'll guide  
you through the LIFEPACs,  
And keep the scores  
for you.



**Doc**



**Revver**



**Vicky**



**My name is**

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### **Memory Verse**

“Thou shalt not bear false witness against thy neighbour.”

Exodus 20:16

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### **Objectives**

1. I can add and subtract whole numbers to thousands.
2. I can add and subtract fractions and whole numbers.
3. I know standard measurements for time, length, weight, volume, directions, and temperature.
4. I can learn metric units for temperature, weight, and volume.
5. I can read bar, line, picture, and circle graphs.
6. I know multiplication facts for 2, 3, 4, 5, and 10.
7. I know place value to thousands.
8. I know operation symbols for  $+$ ,  $-$ ,  $=$ ,  $\neq$ ,  $>$ ,  $<$ ,  $\times$ .

# I. Part One



## 1.1 Write answers to the facts.

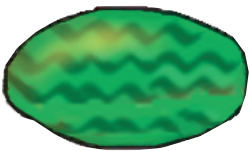
$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

Lines of symmetry divide a figure into two equal parts.  
The two sides will match.

## 1.2 Draw a line of symmetry for each figure.



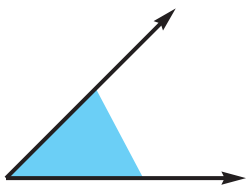
**1.3 Write the answer to the facts.**

$$\begin{array}{r} 8 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ - 4 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 2 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ - 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ - 5 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ - 6 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ - 9 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ - 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ - 8 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$$

**1.4 Match the definition to the part of each drawing that is in blue.**



end points

curved line

length

line segment

straight line

angle

width

perimeter



Parts of fractions have names.

**1.5 Write the names for fractions on the lines.**

\_\_\_\_\_  $\frac{4}{5}$  \_\_\_\_\_  
\_\_\_\_\_

**1.6 Write the fractions in words.**

$\frac{3}{5}$  \_\_\_\_\_  $\frac{7}{8}$  \_\_\_\_\_  
 $\frac{2}{3}$  \_\_\_\_\_  $\frac{4}{9}$  \_\_\_\_\_  
 $\frac{1}{12}$  \_\_\_\_\_  $\frac{1}{2}$  \_\_\_\_\_

**1.7 Write the fractions for the words.**

five-eighths \_\_\_\_\_ six-sevenths \_\_\_\_\_ four-tenths \_\_\_\_\_  
three-fifths \_\_\_\_\_ one-third \_\_\_\_\_ seven-twelfths \_\_\_\_\_

**1.8 Write the mixed numbers in words.**

$1\frac{2}{3}$  \_\_\_\_\_  $5\frac{6}{7}$  \_\_\_\_\_  
 $8\frac{1}{6}$  \_\_\_\_\_  $2\frac{3}{4}$  \_\_\_\_\_

**1.9 Write the mixed numbers for the words.**

two and one-half \_\_\_\_\_ nine and two-thirds \_\_\_\_\_  
seven and four-fifths \_\_\_\_\_ three and six-eighths \_\_\_\_\_

**1.10 Write the standard measurements for time.**

\_\_\_\_\_ seconds = 1 minute    \_\_\_\_\_ minutes = 1 hour    \_\_\_\_\_ hours = 1 day  
\_\_\_\_\_ days = 1 month    \_\_\_\_\_ months = 1 year    \_\_\_\_\_ days = 1 year

