



# MATHEMATICS 308

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Alpha Omega Publications®

804 N. 2nd Ave. E., Rock Rapids, IA 51246-1759

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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 steal.”

Exodus 20:15

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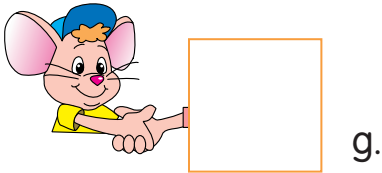



### **Objectives**

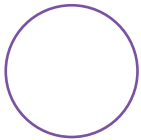
1. I can express measurements in more than one unit.
2. I can find the missing addend and check the answer.
3. I can learn about decimal numbers.
4. I can subtract with zeros in the minuend.
5. I can learn to give change in money problems.
6. I can learn more about adding mixed numbers.
7. I can learn directions - north, south, east, west.
8. I can learn about picture graphs.
9. I can learn multiplication facts for 3 and 10.
10. I can learn the multiples of 4.
11. I can learn about length and width.


## I. Part One

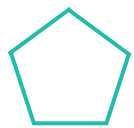
### 1.1 Match the shapes with the names.

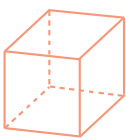



a.  \_\_\_\_\_ pentagon

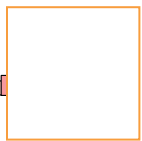
b.  \_\_\_\_\_ cone

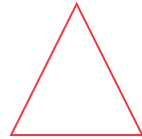
c.  \_\_\_\_\_ triangle


d.  \_\_\_\_\_ oval

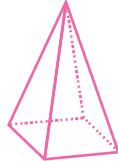
e.  \_\_\_\_\_ cylinder


f.  \_\_\_\_\_ square


g.  \_\_\_\_\_ rectangle

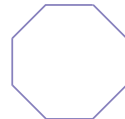
h.  \_\_\_\_\_ pyramid

i.  \_\_\_\_\_ cube

j.  \_\_\_\_\_ circle

k.  \_\_\_\_\_ hexagon

l.  \_\_\_\_\_ rectangular solid

m.  \_\_\_\_\_ octagon

You should remember these words.

### 1.2 Write the best answer on the line.

end points, squares, faces, angles, closed lines, rectangles

Plane shapes are drawn using \_\_\_\_\_.

The sides of solid shapes are named \_\_\_\_\_.

The four sides of \_\_\_\_\_ are equal.

The opposite sides of \_\_\_\_\_ are equal.

Line segments begin and end with \_\_\_\_\_.

\_\_\_\_\_ are formed when two lines meet at an end point.

We can express measurements in more than one unit.

We can change dimes to pennies.  
We can change pounds to ounces.

We can change feet to inches.  
We can change gallons to quarts.

Jenny has 2 dimes. She wants to change them to pennies.  
Jenny needs to know how many pennies are equal to 2 dimes.  
She needs to write a problem.



She knows that ...  
But she has 2 dimes.  
She adds.

$$\begin{array}{rcl} 1 \text{ dime} & = & 10 \text{ pennies} \\ 1 \text{ dime} & = & 10 \text{ pennies} \\ \hline 2 \text{ dimes} & = & 20 \text{ pennies} \end{array}$$

### 1.3 Write the answer on the line.

Find the measurement that is equal.

$4 \text{ feet} = \underline{\quad? \quad} \text{ inches}$

$3 \text{ pounds} = \underline{\quad? \quad} \text{ ounces}$

$1 \text{ foot} = \underline{\quad\quad\quad} \text{ inches}$

$1 \text{ pound} = \underline{\quad\quad\quad} \text{ ounces}$

$1 \text{ foot} = \underline{\quad\quad\quad} \text{ inches}$

$1 \text{ pound} = \underline{\quad\quad\quad} \text{ ounces}$

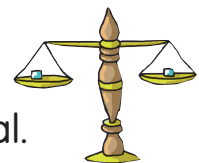
$1 \text{ foot} = \underline{\quad\quad\quad} \text{ inches}$

$1 \text{ pound} = \underline{\quad\quad\quad} \text{ ounces}$

$1 \text{ foot} = \underline{\quad\quad\quad} \text{ inches}$

$3 \text{ pounds} = \underline{\quad\quad\quad} \text{ ounces}$

$4 \text{ feet} = \underline{\quad\quad\quad} \text{ inches}$



### 1.4 Write the problem. Find the measurement that is equal.

$2 \text{ years} = \underline{\quad? \quad} \text{ days}$

$2 \text{ tons} = \underline{\quad? \quad} \text{ pounds}$

$4 \text{ square yards} = \underline{\quad? \quad} \text{ square feet}$

$5 \text{ gallons} = \underline{\quad? \quad} \text{ quarts}$

**1.5 Add.** Check your answer. Add down. Add up.

$$\begin{array}{r} \hline 3 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 5 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 18 \\ 32 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 64 \\ 50 \\ + 48 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 49 \\ 36 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 263 \\ + 429 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 385 \\ + 961 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 476 \\ + 873 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 501 \\ 397 \\ + 265 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 847 \\ 362 \\ + 529 \\ \hline \end{array}$$

**1.6 Add.** Check your answer. Subtract an addend from the sum.

$$\begin{array}{r} 376 \\ + 584 \\ \hline \end{array} \quad \begin{array}{r} 5,963 \\ + 2,147 \\ \hline \end{array} \quad \begin{array}{r} 6,040 \\ + 3,785 \\ \hline \end{array}$$

$$\begin{array}{r} 4,421 \\ + 4,608 \\ \hline \end{array} \quad \begin{array}{r} 2,739 \\ + 5,640 \\ \hline \end{array} \quad \begin{array}{r} 3,125 \\ + 4,036 \\ \hline \end{array}$$