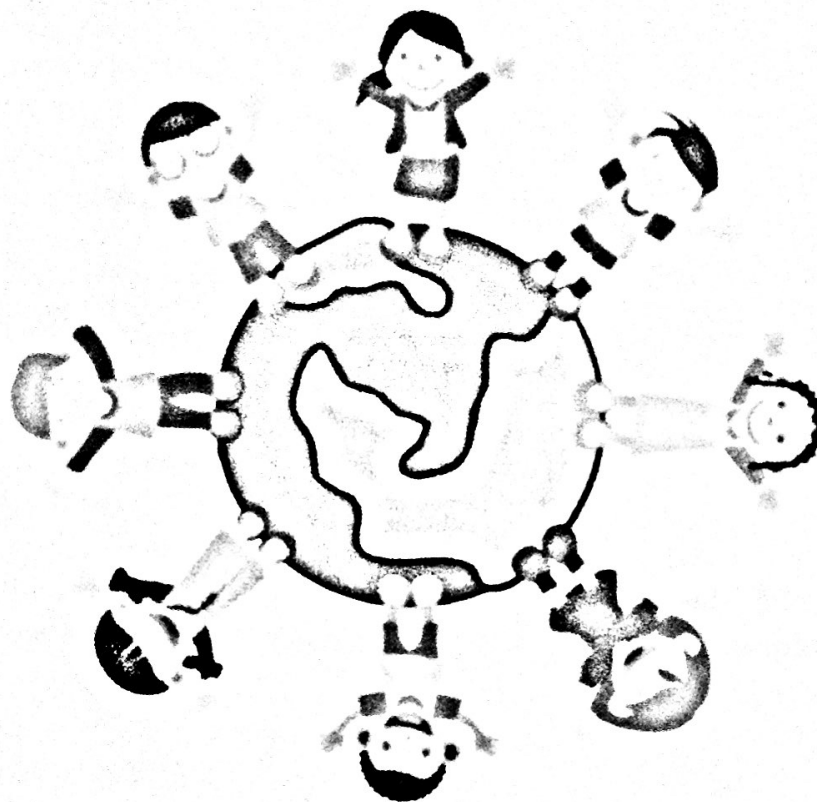


**Name:**

## **Incoming 4<sup>th</sup> Grade Summer Assignments**

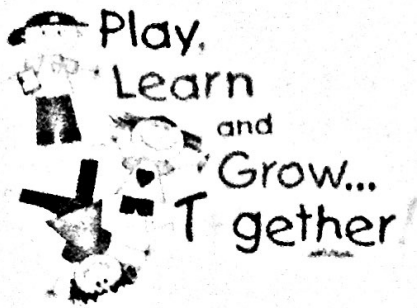


**Reading Score** \_\_\_\_\_

**Math Score** \_\_\_\_\_

**Miss Melissa Cournoyer**

**Summer 2020**



Welcome new 4<sup>th</sup> graders and families!

Over the long summer, research has shown that children regress in their knowledge and skills. To help avoid some of this “summer slump”, your child will be asked to complete a reading assignment and a math packet/assignment

### **Reading assignment**

Please select **one** of the following books:

*The Boxcar Children Book #1* by Gertrude Chandler Warner

*Mr. Popper's Penguins* by Richard and Florence Atwater

*Tale of Despereaux* by Kate DiCamillo

You must complete the outline provided based on your chosen book. Please write in complete sentences. This outline will help you with an assignment you will complete on your book in September.

### **Math Packet and Khan Academy**

The Math assignment is split into two parts and is meant to help you maintain 3<sup>rd</sup> grade math curriculum standards.

#### **1.) Math packet pages:**

You are to complete the packet portion as best you can, and I will correct it during the first two weeks of school. **You must show all your work.** I included resource pages at the end of the packet that can be used to help you with the packet.

#### **2.) Khan Academy:**

Students will also be required to complete Khan Academy minutes in addition to the packet. Please make sure your child adds me as a coach using our class code: SDBMN2QQ **as soon as possible. If you are new to our school, a parent can make a Khan account for their child. Please contact me if you are having difficulty.**

All students need to complete **30 minutes of minutes by July 31<sup>st</sup> AND another additional 30 minutes by August 28<sup>th</sup>**. You can check Khan minutes by clicking on the "Progress" tab and then click "Activity". Please remember Khan only counts working time only, and it will not count things such as switching between tasks, taking breaks with the screen on, or changing avatars.

Students are to complete Khan minutes for the subject of math. Khan will be making some changes over the summer to the layout but working on skills under the 4<sup>th</sup> grade course content would be best.

Please do not try to complete this packet all at once as it's best to work on it a little bit at a time over the summer. Below is a recommended schedule of how you can space out the math assignments:

- Week 1- Week 1 page
- Week 2- Week 2 page
- Week 3- 30 working minutes on Khan Academy
- Week 4- Week 4 page
- Week 5- Week 5 page
- Week 6- 30 working minutes on Khan Academy
- Week 7- Week 7 page in the packet
- Week 8- Week 8 page in the packet
- Week 9- Week 9 page in the packet
- Week 10- Check over your work

**\*\*In addition, please make sure you continue to review all your basic math facts over the summer. You need to know all your addition and subtraction facts. Also, you need to know all your multiplication facts up to 9x9. These facts must be memorized and should be able to be recalled quickly. I cannot stress enough how critical math facts are to the 4<sup>th</sup> grade curriculum.**

### **Due Date**

Both the reading outline and the math packet are due on the first day of school. I expect you to complete all of the assignments to the best of your ability. I will be reviewing your work during the first two weeks of school. The outline will count as one test grade for reading. The math portion will also count as one test grade (80% from packet pages and 20% from Khan minutes)

Name:

## Summer Reading Assignment Outline

*Write in complete sentences.*

Selected book and author:

Main Characters:

---

---

Setting: \_\_\_\_\_

---

Describe the **main** events in the story

1.) \_\_\_\_\_

---

---

2.) \_\_\_\_\_

---

---

3.) \_\_\_\_\_

---

---

4.) \_\_\_\_\_

---

---



5.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What is your favorite part of this story?

\_\_\_\_\_

\_\_\_\_\_

Give 3 reasons why this was your favorite part. Give specific examples.

1.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3.) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Week 1** Don't forget to show your work.

Round to the nearest tens place:

79 \_\_\_\_\_

674 \_\_\_\_\_

345 \_\_\_\_\_

4782 \_\_\_\_\_

Add.

$$\begin{array}{r} 483 \\ + 359 \\ \hline \end{array}$$

$$\begin{array}{r} 642 \\ + 169 \\ \hline \end{array}$$

$$\begin{array}{r} 708 \\ + 194 \\ \hline \end{array}$$

$$\begin{array}{r} 466 \\ + 374 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 718 \\ - 436 \\ \hline \end{array}$$

$$\begin{array}{r} 839 \\ - 562 \\ \hline \end{array}$$

Write the place and value of the underlined digit.

6789

place: \_\_\_\_\_

value: \_\_\_\_\_

569

place: \_\_\_\_\_

value: \_\_\_\_\_

46,080

place: \_\_\_\_\_

value: \_\_\_\_\_

23,507

place: \_\_\_\_\_

value: \_\_\_\_\_

567,060

place: \_\_\_\_\_

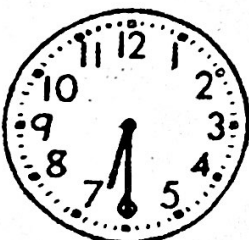
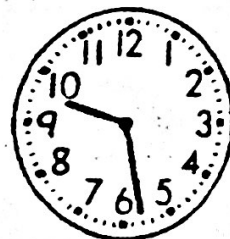
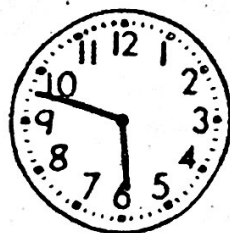
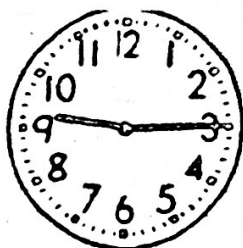
value: \_\_\_\_\_

67,090

place: \_\_\_\_\_

value: \_\_\_\_\_

Write the time.



Solve.

$9 \times 1 =$

$2 \times 3 =$

$1 \times 4 =$

$5 \times 0 =$

$5 \times 8 =$

$4 \times 4 =$

$9 \times 4 =$

$1 \times 8 =$

$7 \times 0 =$

$2 \times 2 =$

$3 \times 7 =$

$9 \times 2 =$

$6 \times 3 =$

$3 \times 9 =$

$5 \times 1 =$

$1 \times 1 =$

$0 \times 6 =$

$5 \times 5 =$

$7 \times 5 =$

$7 \times 2 =$

$4 \times 8 =$

$4 \times 7 =$

$2 \times 5 =$

$4 \times 6 =$

$6 \times 2 =$

$6 \times 5 =$

**Week 2** Don't forget to show your work.

*Round to the nearest hundreds place.*

4015 \_\_\_\_\_

4380 \_\_\_\_\_

548 \_\_\_\_\_

10,950 \_\_\_\_\_

24,820 \_\_\_\_\_

60,570 \_\_\_\_\_

*How much money?*

2 \$1 bills  
5 quarters  
2 dimes  
1 penny

1 \$5 bill  
3 quarters  
1 nickel  
1 dime

*Solve.*

$6 \times 3 =$        $9 \times 9 =$

$7 \times 4 =$        $9 \times 4 =$

$7 \times 5 =$        $7 \times 8 =$

$6 \times 6 =$        $8 \times 9 =$

$8 \times 8 =$        $6 \times 7 =$

$6 \times 8 =$        $7 \times 9 =$

$6 \times 9 =$        $8 \times 4 =$

*Write in word form.*

5,780 \_\_\_\_\_

98,706 \_\_\_\_\_

100,001 \_\_\_\_\_

*Model the fractions.*

$$\frac{3}{4}$$


$$\frac{7}{9}$$

--	--	--	--	--	--	--	--	--	--

$$\frac{1}{3}$$

--	--	--	--	--	--	--	--	--	--

$$\frac{9}{10}$$


*Solve. Show work and label your answers.*

Sue had \$3.00. She bought some baseball cards for \$1.65.  
How much money did she have left?

Ken had 503 baseball cards. He gave his friend 129 of them.  
How many cards did he have then?

**Week 4 Don't forget to show your work.**

*Write the place and value of the underlined digit.*

520

place: \_\_\_\_\_

value: \_\_\_\_\_

65,725

place: \_\_\_\_\_

value: \_\_\_\_\_

764,040

place: \_\_\_\_\_

value: \_\_\_\_\_

*Subtract.*

670

- 592

5753

- 3660

9374

- 4753

8000

- 6790

7916

- 4193

8724

- 7341

*Align and Add.*

$$670 + 680 =$$

$$5470 + 735 =$$

$$62109 + 653 + 32 =$$

*Write in expanded form.*

679 \_\_\_\_\_

\_\_\_\_\_

8601 \_\_\_\_\_

\_\_\_\_\_

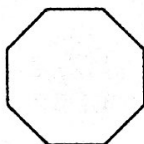
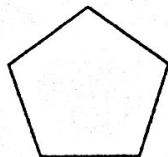
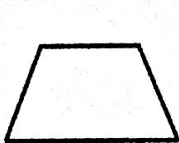
5434 \_\_\_\_\_

\_\_\_\_\_

*Solve. Show your work and label.*

Kelly baked 32 cookies on Tuesday. On Thursday, she bakes another 42 cookies. Then, Kelly eats 4 cookies. How many cookies does she have in the end?

*Name the polygon. Identify number of sides.*



Name: \_\_\_\_\_

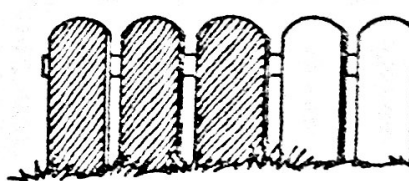
Sides: \_\_\_\_\_

*Solve. Show your work and label.*

Derick has \$4.50. He buys a candy bar for \$1.23. He then earns \$3.25 for walking his neighbor's dog. How much money does Derick have now?



**Week 5** Don't forget to show your work.

<p>Align and subtract.</p> <p>590 – 211 =</p> <p>5392 – 876 =</p> <p>4321 – 675 =</p>	<p>Solve.</p> <p>54 ÷ 6 =      9 ÷ 1 =      12 ÷ 6 =</p> <p>24 ÷ 3 =      10 ÷ 5 =      35 ÷ 7 =</p> <p>63 ÷ 7 =      3 ÷ 3 =      18 ÷ 3 =</p> <p>49 ÷ 7 =      30 ÷ 6 =      2 ÷ 1 =</p> <p>6 ÷ 2 =      42 ÷ 6 =      35 ÷ 5 =</p> <p>16 ÷ 4 =      8 ÷ 4 =      81 ÷ 9 =</p> <p>18 ÷ 9 =      27 ÷ 9 =      72 ÷ 8 =</p> <p>56 ÷ 7 =      20 ÷ 4 =      12 ÷ 4 =</p> <p>27 ÷ 3 =      28 ÷ 4 =      42 ÷ 7 =</p>	<p>Write the fractions using the picture.</p>  <p>What fraction of the fence has been painted?</p> <p>What fraction of the fence has NOT been painted?</p>
<p>Solve.</p> <p>22      52      12 x 2    x 2    x 2</p> <p>12      23      14 x 4    x 3    x 3</p> <p>32      13      41 x 3    x 2    x 5</p>	<p>Write the numbers in standard form.</p> <p>twenty-five _____</p> <p>three hundred, forty-five _____</p> <p>one thousand, fifty-one _____</p> <p>two thousand, forty _____</p> <p>sixty-one thousand, four hundred thirty-five _____</p> <p>six hundred thousand, one _____</p>	<p>How much time has passed?</p> <p>2:00 PM to 5:00 PM</p> <p>_____</p> <p>3:30 AM to 4:30 AM</p> <p>_____</p> <p>6:30 PM to 9:00 PM</p>
<p>Solve. Show your work + label your answer.</p> <p>Sara has 25 apples. She shares them between her five friends. How many does each friend receive?</p>	<p>Solve. Show your work + label your answer.</p> <p>Brandon makes nine paper cranes each day for eight days in a row. How many paper cranes does he make in total?</p>	

**Week 7 Don't forget to show your work.**

*Solve. Watch the signs.*

$14 \div 7 =$

$4 \times 4 =$

$4 \times 3 =$

$72 \div 9 =$

$9 \times 8 =$

$8 \times 8 =$

$24 \div 8 =$

$45 \div 5 =$

$36 \div 9 =$

$21 \div 3 =$

$4 \times 7 =$

$9 \times 9 =$

$64 \div 8 =$

$7 \times 8 =$

*Multiply.*

$31$

$21$

$43$

$\times 6$

$\times 8$

$\times 2$

$84$

$93$

$78$

$\times 5$

$\times 7$

$\times 6$

$29$

$44$

$54$

$\times 2$

$\times 8$

$\times 6$

*Write the place and value of the underlined digit.*

43,520

place: \_\_\_\_\_

value: \_\_\_\_\_

654,030

place: \_\_\_\_\_

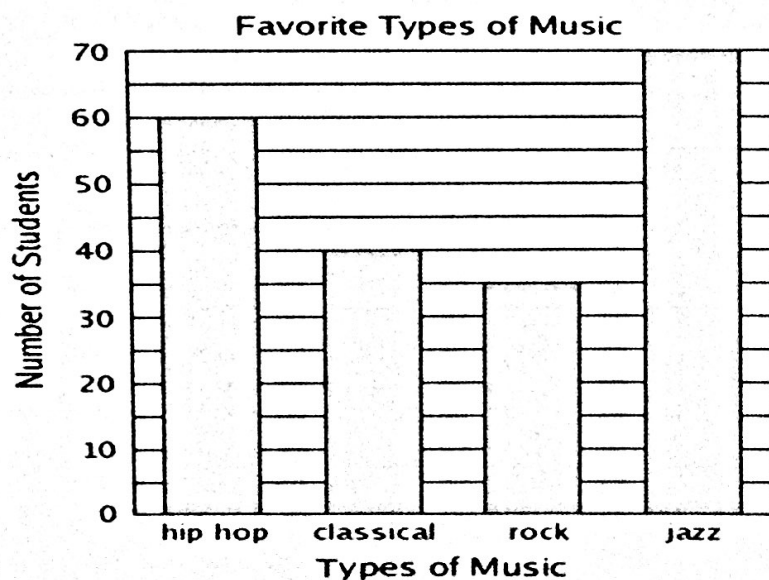
value: \_\_\_\_\_

953,980

place: \_\_\_\_\_

value: \_\_\_\_\_

*Use the bar graph to answer the questions below.*



What type of music was voted most popular?

\_\_\_\_\_

What is the difference between the number of students who voted hip hop versus rock?

\_\_\_\_\_

What two types of music were voted the least?

\_\_\_\_\_

*Write the numbers in word form.*

5,468 \_\_\_\_\_

64,909 \_\_\_\_\_

532,005 \_\_\_\_\_

*Write the fraction.*

two-thirds \_\_\_\_\_

four-sevenths \_\_\_\_\_

nine-twelfths \_\_\_\_\_

six-tenths \_\_\_\_\_

**Week 8** Don't forget to show your work.

Measure each line segment to the nearest  $\frac{1}{2}$  inch.

|-----| \_\_\_\_\_

|-----| \_\_\_\_\_

|-----| \_\_\_\_\_

|-----| \_\_\_\_\_

|-----| \_\_\_\_\_

Write the time. Include AM or PM.

15 minutes to 12 PM \_\_\_\_\_

30 minutes past 6 AM \_\_\_\_\_

25 minutes past 9 AM \_\_\_\_\_

10 minutes to 4 PM \_\_\_\_\_

5 minutes past 11 AM \_\_\_\_\_

Order from least to greatest.

568; 209; 506; 605  
\_\_\_\_\_

7010; 7001; 7100; 7030  
\_\_\_\_\_

861; 860; 8210; 86; 8611  
\_\_\_\_\_

Write the missing numbers.

66, 69, \_\_\_\_\_, \_\_\_\_\_, 78, \_\_\_\_\_

74, 78, \_\_\_\_\_, \_\_\_\_\_, 90, \_\_\_\_\_

37, 35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 27

9, 13, \_\_\_\_\_, \_\_\_\_\_, 25, \_\_\_\_\_

40, 37, \_\_\_\_\_, \_\_\_\_\_, 28, \_\_\_\_\_

Multiply.

$$\begin{array}{r} 44 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 6 \\ \hline \end{array}$$

Divide. (There are remainders).

$$5 \overline{) 26}$$

$$7 \overline{) 58}$$

$$4 \overline{) 31}$$

$$8 \overline{) 66}$$

$$3 \overline{) 17}$$

$$2 \overline{) 13}$$

How many sides do these polygons have?

trapezoid \_\_\_\_\_ hexagon \_\_\_\_\_

square \_\_\_\_\_ quadrilateral \_\_\_\_\_

parallelogram \_\_\_\_\_ pentagon \_\_\_\_\_

Convert.

3 ft = \_\_\_\_\_ in

6 c = \_\_\_\_\_ pt

24 in = \_\_\_\_\_ ft

4 gal = \_\_\_\_\_ qt

4 yd = \_\_\_\_\_ in

8 qt = \_\_\_\_\_ gal

6 L = \_\_\_\_\_ mL

5000 g = \_\_\_\_\_ kg

**Week 9 Don't forget to show your work.**

*Solve. Watch the signs.*

$$\begin{array}{r} 5804 \\ - 657 \\ \hline \end{array} \quad \begin{array}{r} 5789 \\ + 4587 \\ \hline \end{array} \quad \begin{array}{r} 56 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6000 \\ - 4226 \\ \hline \end{array} \quad \begin{array}{r} \$6.57 \\ + 4.80 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ \times 5 \\ \hline \end{array}$$

*Divide. There are remainders.*

$$8 \overline{) 73}$$

$$7 \overline{) 57}$$

$$7 \overline{) 29}$$

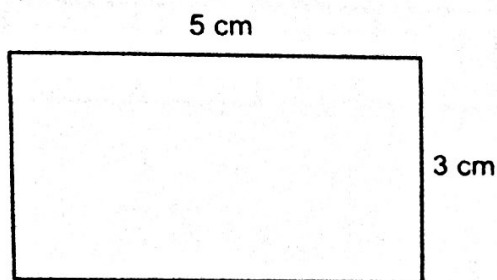
$$5 \overline{) 47}$$

*Write the standard form.*

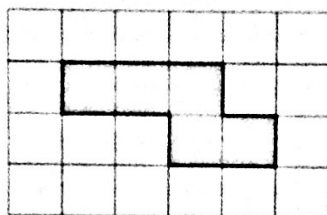
three hundred thousand, two

forty-five thousand, six hundred twelve

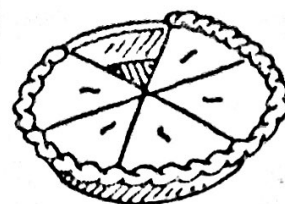
*Find the perimeter*



*Find the area by counting the unit squares.*



\_\_\_\_\_ sq units



What fraction of the pie has *not* been eaten?

*Circle the best answer.*

Which would you use to measure the height of a dog?  
yardstick or scale

Which is best to weigh a hippo?  
meter stick or a scale

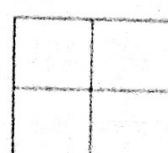
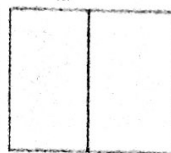
Which is the best estimate of the weight of a baseball?  
6 ounces or 7 meters

*Compare using <, >, =.*

$$\frac{4}{8} \text{ — } \frac{6}{8} \quad \frac{5}{12} \text{ — } \frac{3}{12}$$

*Write and model an equivalent fraction.*

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



*Solve. Label your answer.*

Sally had \$3.56. She earned \$5.67 from chores, and another \$1.20 she was given as a gift. How much money does she have?

*Solve. Label your answer.*

Lee bought thirty goldfish at the pet shop. He splits them among three fish tanks. How many fish are in each tank?



# Resources Page 1

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
		,			

standard form- number form

example: 674

place-what place column a number is in.

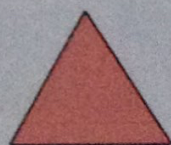
example: In 674, 6 is in the hundreds place

value- what each number is worth

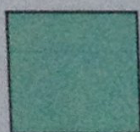
example: In 674, 7 is valued at 70

expanded form-the value of each number in what looks like a big addition problem.

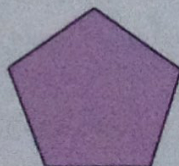
example: 674 is  $600 + 70 + 4$



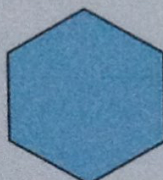
Triangle



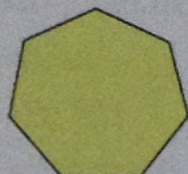
Quadrilateral



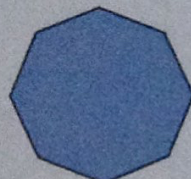
Pentagon



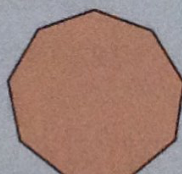
Hexagon



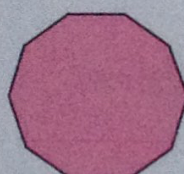
Heptagon



Octagon

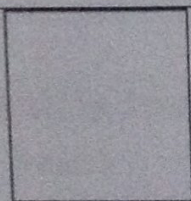


Nonagon

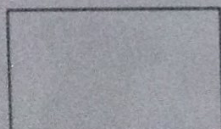


Decagon

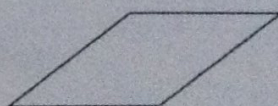
$$\begin{array}{r} 2 \text{ R}3 \\ 4 \overline{) 11} \\ \underline{-8} \\ 3 \end{array}$$



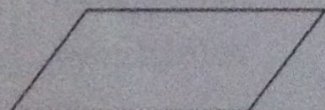
Square



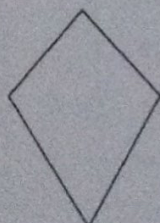
Rectangle



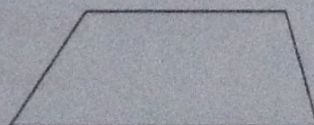
Rhombus



Parallelogram

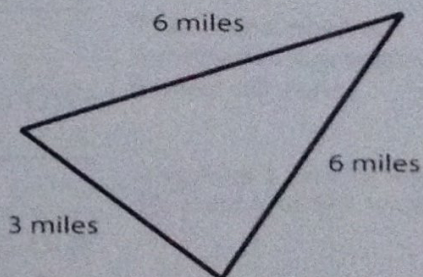


Kite



Trapezoid

perimeter- add up the length of all the sides



$$6 + 6 + 3 = 15 \text{ miles}$$



**Customary Units**

**Length**

12 in = 1 ft  
3 ft = 1 yd  
36 in = 1 yd

**Capacity**

4 qt = 1 gallon  
2 pt = 1 qt  
2 c = 1 pt

**Weight**

16 oz = 1 lb

**Metric Units**

**Length**

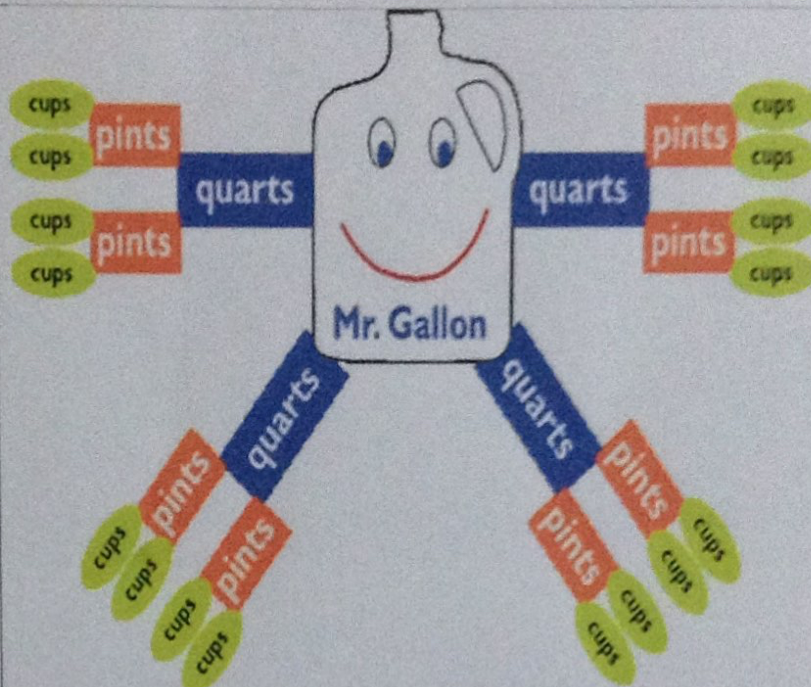
100 cm = 1 m  
10 mm = 1 cm

**Capacity**

1 L = 1000 mL

**Weight**

1 kg = 1000 g



**Magic Words - for Problem Solving**

**Addition:**

- sum
- altogether
- total
- in all
- increase
- add

**Subtraction:**

- difference
- decrease
- less than
- left
- greater than
- fewer

**Multiplication:**

- each
- product
- of
- times
- altogether
- multiples

**Division:**

- each
- average
- quotient
- per
- shared equally
- share



**Multiplication with Regrouping**



- Step 1:**  
"Multiply digits in the ones place"
- Step 2:**  
"Regroup to tens place"
- Step 3:**  
"Multiply digit in tens place by digit in ones place"  
"Add digit that was regrouped"

Not enough ones - need to regroup a ten.

There are no tens!

$$\begin{array}{r} 600 \\ - 274 \\ \hline \end{array}$$

There are now! 6 hundreds regrouped makes 60 tens.

$$\begin{array}{r} 600 \\ - 274 \\ \hline \end{array}$$

Regroup 1 ten to make 10 ones and 59 tens.

$$\begin{array}{r} 5910 \\ 600 \\ - 274 \\ \hline 326 \end{array}$$