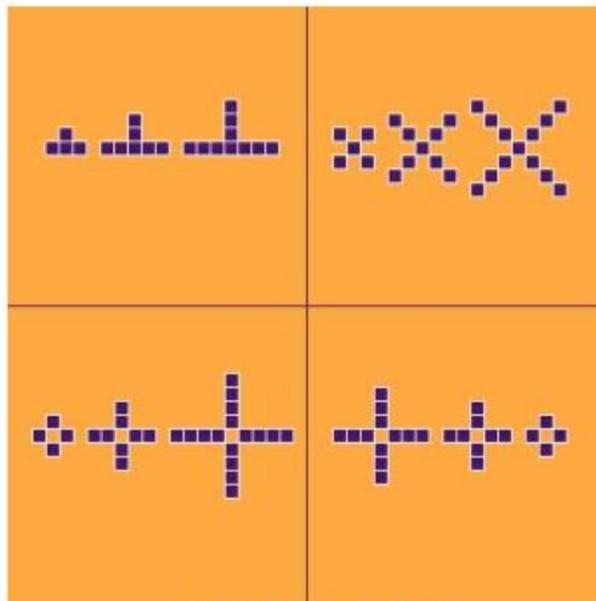


Math Work!  
(Try to complete one page per day.)

This week we're going to continue working with measurement.

But, before we start thinking about measurement, let's warm-up our brains. Which of the 4 patterns doesn't belong with the other ones?

There are lots of correct answers. Just be sure you explain your answer. Can you think of 2 different answers? What about reasons for all 4 of the patterns?



**SHAPE 13**

Answer and Reason:

## How Do I Measure Up?

Topic: Measurement conversions (customary units).

Target: I can make equivalent statements using customary units.

Here are three important vocabulary words!

Length is the distance from one point to another point.

Unit is the standard something is measured by.

Conversion is changing from one unit to another while still representing the same value of measurement.

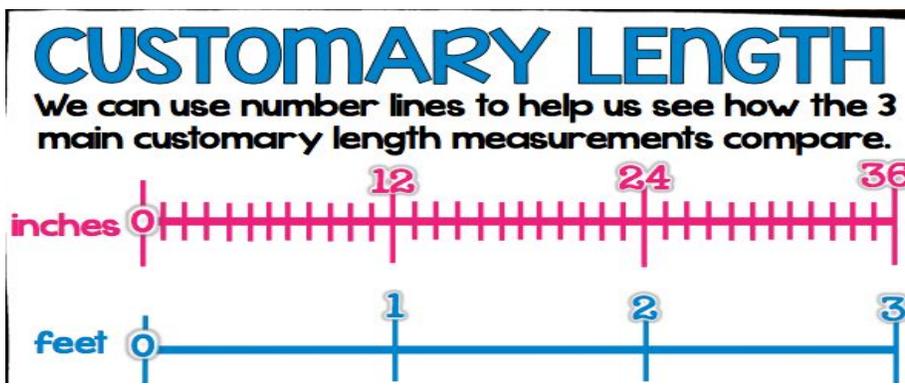
Here are customary length units



(We can also break an inch down into  $\frac{1}{2}$  inch,  $\frac{1}{4}$  inch and  $\frac{1}{8}$  inch.)

1) Cut out your ruler, walk around your house and complete the following:

Things that are about one inch	Example: Width of a quarter				
Things that are about one foot	Example: Length of a football				



2) Fill in the blanks:

1 foot is \_\_\_\_\_ times as long as an inch.

1 yard is \_\_\_\_\_ times as long a foot.

1 yard is \_\_\_\_\_ times as long an inch.

3) Practice Time. Compare each length using  $<$ ,  $>$ , or  $=$

2 yd. \_\_\_\_\_ 9 ft.

45 inches \_\_\_\_\_ 1 yd.

3 ft. \_\_\_\_\_ 36 inches

4 yd. \_\_\_\_\_ 12 ft.

4) Calculate the following conversions. Remember, if you have a remainder after dividing (you divide to go from a small unit to a larger unit) then that remainder stays the original unit.

Example: 91 inches = \_\_\_\_\_ (feet).

91 divided by 12 = 7 feet with a remainder of 7 **so the answer is 7 feet and 7 inches**

54 yards = \_\_\_\_\_ (feet)

97 inches = \_\_\_\_\_ (feet)

6 inches = \_\_\_\_\_ (feet)

39 feet = \_\_\_\_\_ (yard)

83 inches = \_\_\_\_\_ (yard)

69 yards = \_\_\_\_\_ (inches)



Last question :) When you're done with your math return it to your teacher via a photo or stick it back in the envelope and return to school.

The past 2 weeks we've been learning about salmon. Convert each salmon's average maximum length from inches only to feet and inches. For a challenge try converting the length of each salmon into yards. (Hint: convert yards to inches, make a fraction and then reduce your fraction....) Don't forget to add your labels!

Pinks (also known as Humpies)		
24 inches	Total Length Converted to feet:	Total Length converted to yards
Sockeye (also known as Reds)		
26 inches	Total Length Converted to feet:	Total Length converted to yards
Coho (also known as Silvers)		
28 inches	Total Length Converted to feet:	Total Length converted to yards
Chum (also known as dog salmon)		
31 inches	Total Length Converted to feet:	Total Length converted to yards
Chinook (also known as King Salmon)		
40 inches	Total Length Converted to feet:	Total Length converted to yards