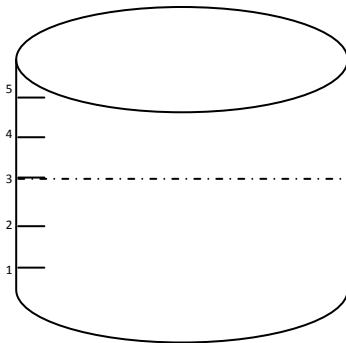


**Line Plots That Display Data Guided Lesson Explanation****Explanation to #1**

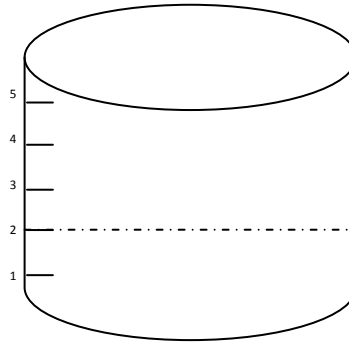
Step 1) Identify what is being asked of you?

“How much volume would the water take up?”

Step 2) Our second step is to determine the amount of water that is present in the aquariums. We compare the total volume of the aquariums to the amount of water. We can use the notches on the side of the aquarium to determine that the first aquarium is  $\frac{3}{5}$  full and the second aquarium is  $\frac{2}{5}$  full. If you distributed the volume between the 2 containers, you would have  $(\frac{5}{5}) / 2 = 2.5/5$ .



$\frac{3}{5}$



$\frac{2}{5}$

Now determine how much of the aquarium would be full, if we combined the water. We need to find the sum of the water which is the same as the sum of their volume.

$$\frac{3}{5} + \frac{2}{5} = \frac{5}{5} = 1$$

1 of the aquariums would be full if we combined them.

We will assume that the liquid is measured in liters. We would have 5 lt. if the water were combined.



Name \_\_\_\_\_

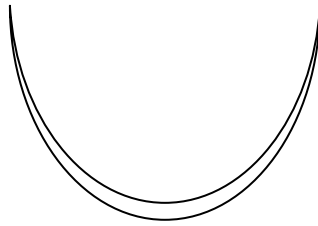
Date \_\_\_\_\_

### Explanation to #2

Step 1a) If he has a 50 pearls and took  $\frac{1}{5}$  of the pearls to make a necklace.

$$50 \times \frac{1}{5} = 10 \text{ pearls}$$

She would use 10 pearls for the necklace.



Step 1b) If she prepares two necklaces by using  $\frac{1}{2}$  of the 50 pearls.

$$50 \times \frac{1}{2} = 25 \text{ pearls}$$

25 pearls would be used for one necklace.

