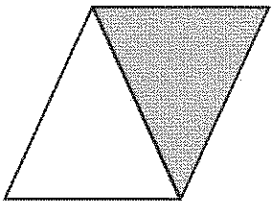
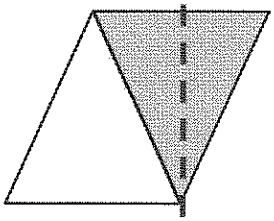
G3-M5-Lesson 13

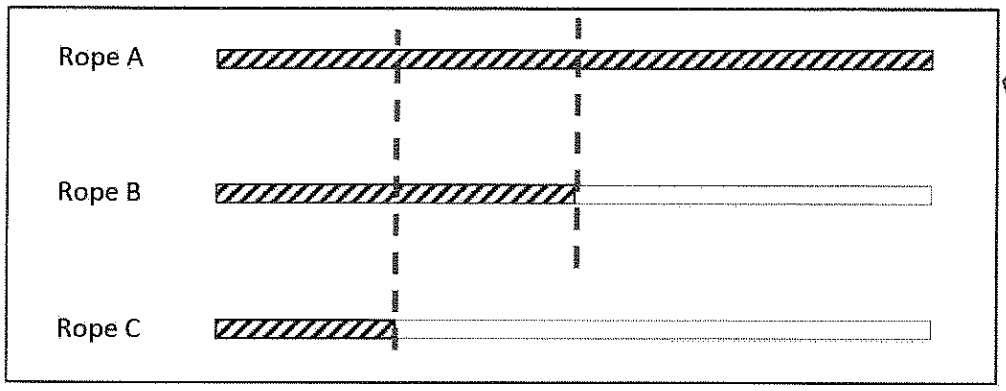
1.

The shape represents 1 whole. Write a unit fraction to describe the shaded part.	The shaded part represents 1 whole. Divide 1 whole to show the same unit fraction you wrote in part (a).
a.  $\frac{1}{2}$	b. 

Both triangles make up the whole. Since there are 2 equal parts, that means that the fractional unit is halves and the unit fraction is $\frac{1}{2}$. I can write $\frac{1}{2}$ to represent the shaded part.

This time just the shaded part represents the whole. I have to think about how I can partition just the shaded part into halves since the unit fraction in part (a) is $\frac{1}{2}$. Since halves means 2 equal parts, I can draw a dotted line to partition the shaded whole into 2 equal parts.

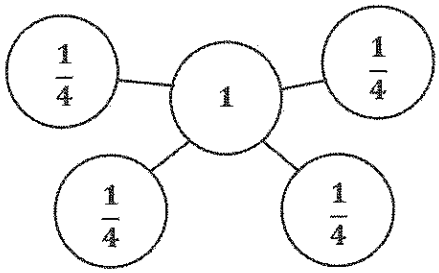
2.



I can draw a dotted line to help me compare the lengths of Ropes A and B. It looks like Rope B is about $\frac{1}{2}$ the length of Rope A. Half of 10 feet is 5 feet.

a. If Rope A measures 10 feet long, then Rope B is about 5 feet long.

b. About how many copies of Rope C equal the length of Rope A? Draw a number bond to help you.



I can draw another dotted line to help me compare the lengths of Ropes C and A. That shows me that Rope C is about $\frac{1}{4}$ the length of Rope A.

The whole in my number bond, 1, represents the length of Rope A. The 4 parts are the number of copies of Rope C it would take to equal the length of Rope A.

About 4 copies of Rope C equal the length of Rope A.