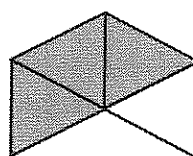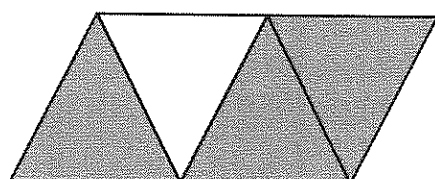## G3-M5-Lesson 20

1. These two shapes both show $\frac{3}{4}$ shaded.


> I can see that both shapes are made up of triangles, but the size of the triangles is different in each shape.

a. Are the shaded areas equivalent? Why or why not?

No, the shaded areas are not equivalent. Both shapes have 3 shaded triangles, but the size of the triangles in each shape is different. That means that the shaded areas can't be equivalent.

b. Draw two different representations of $\frac{3}{4}$ that are equivalent.
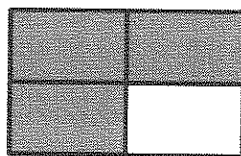
> I can use the same units to draw two different representations of $\frac{3}{4}$ that are equivalent. I can rearrange the units to make a different shape.

2. Brian walked $\frac{2}{4}$ mile down the street. Wilson walked $\frac{2}{4}$ mile around the block. Who walked more? Explain your thinking.

Brian _____

Wilson ☐

> I can see that these shapes are different, but I need to think about the units. They both walked $\frac{2}{4}$ mile, and since the units (miles) and the fractions are the same, the fractions are equivalent.

They both walked the same amount because the units are the same. They both walked $\frac{2}{4}$ mile even though they walked in different ways. Brian walked in a straight line, and Wilson walked in a rectangular shape. The shapes look different, but they are both the same distance, $\frac{2}{4}$ mile.

EUREKA MATH

Lesson 20:   Recognize and show that equivalent fractions have the same size, though not necessarily the same shape.