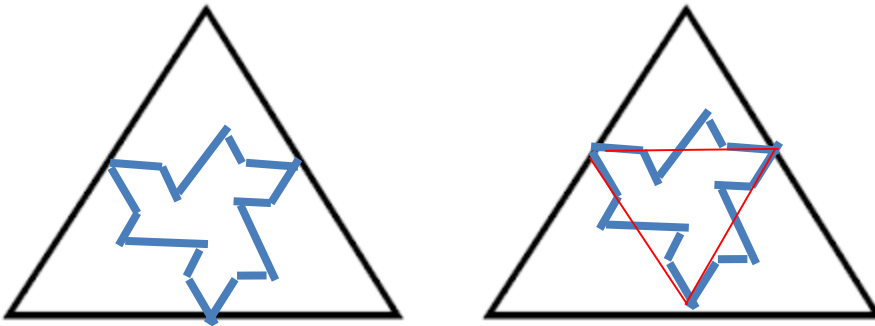
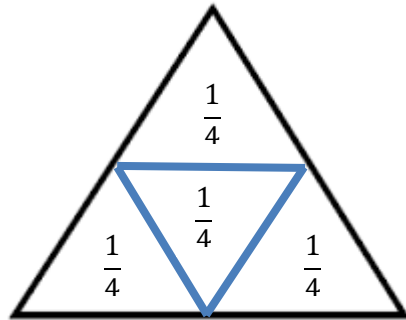
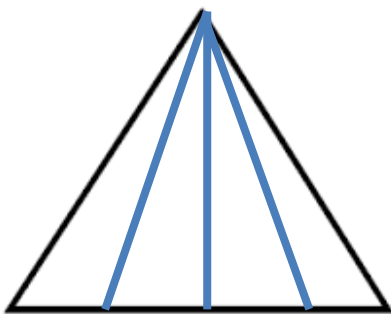


### Possible Solution

Ginny's brother at  $\frac{1}{4}$  of the cake because  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{4}{4} = 1$



This is a possible solution because equal parts of a shape must have the same area, but they do not have to be the same shape and size. In the second figure you can see a little triangle shaped chunk is moved in a way that rearranges the area, but doesn't change the area of each piece.



These triangles have the same base and height; therefore the areas of all four triangles are the same. The area of triangle is found by multiplying the length of the base by the length of the height and dividing the product by 2. ( $b \times h \div 2$ )