

## Changing Wholes: Pattern Block Challenge

Use the pattern blocks to solve the following questions.

**If a hexagon is worth 3, what:**

...is one blue rhombus worth?	
...is one green triangle worth?	
...are six red trapezoids worth?	
...is one red trapezoid worth?	

**If a hexagon is worth 1, what:**

...is one green triangle worth?	
...is one red trapezoid worth?	
...is one blue rhombus worth?	
...are three green triangles worth?	
...are two blue rhombuses worth?	
...are six red trapezoids worth?	

**If a hexagon is worth  $\frac{1}{2}$ , what:**

...are two hexagons worth?	
...is one red trapezoid worth?	
...is one green triangle worth?	
...is one blue rhombus worth?	

Represent the ratio 4:7 using pattern blocks.

Represent the ratio 3:2 using pattern blocks.