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 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.