

## Changing Wholes: Pattern Block Challenge

### ANSWER KEY

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

...one blue rhombus worth?	1
...one green triangle worth?	$\frac{1}{2}$
...six red trapezoids worth?	9
...one red trapezoid worth?	$1\frac{1}{2}$

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

...is one green triangle worth?	$\frac{1}{6}$
...is one red trapezoid worth?	$\frac{1}{2}$
...is one blue rhombus worth?	$\frac{1}{3}$
...are three green triangles worth?	$\frac{1}{2}$
...is two blue rhombuses worth?	$\frac{2}{3}$
...are six red trapezoids worth?	3

**If a hexagon is worth 1/2, what:**

...are two hexagons worth?	1
...is one red trapezoid worth?	$\frac{1}{4}$
...is one green triangle worth?	$\frac{1}{12}$
...is one blue rhombus worth?	$\frac{1}{6}$