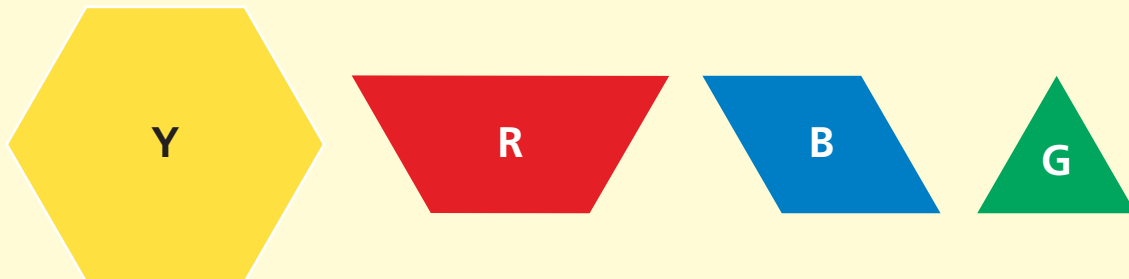










Exploring Fractions Greater than 1





NCTM Standards 1, 2, 6, 7, 8, 9, 10





To solve the problems on this page, use these four pattern block shapes.



1 If  is 1
 then  is _____
 is _____
 is _____

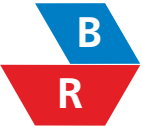
2 If  is 1
 then  is _____
 is _____
 is _____


3 If  is 1
 then  is _____
 is _____
 is _____


4 If  is 1
 then  is _____
 is _____
 is _____

For the problems on this page, **Y** is 1.


Use pattern blocks if you like.


5  is $\frac{\boxed{1}}{\boxed{2}} + \frac{\boxed{1}}{\boxed{3}}$ is $\frac{\boxed{\quad}}{\boxed{6}}$

6  is $\frac{\boxed{\quad}}{\boxed{\quad}} + \frac{\boxed{\quad}}{\boxed{\quad}}$ is $\frac{\boxed{\quad}}{\boxed{\quad}}$

7  is $\frac{\boxed{\quad}}{\boxed{\quad}} + \frac{\boxed{\quad}}{\boxed{\quad}}$ is $\frac{\boxed{\quad}}{\boxed{\quad}}$

8  is $\frac{\boxed{1}}{\boxed{\quad}} + \frac{\boxed{\quad}}{\boxed{\quad}}$ is $\frac{\boxed{1}}{\boxed{\quad}}$

9  is $\frac{\boxed{\quad}}{\boxed{\quad}} + \frac{\boxed{\quad}}{\boxed{\quad}}$ is $\frac{\boxed{\quad}}{\boxed{\quad}}$

10  is $\frac{\boxed{\quad}}{\boxed{\quad}} + \frac{\boxed{\quad}}{\boxed{\quad}} + \frac{\boxed{\quad}}{\boxed{\quad}}$ is $\frac{\boxed{\quad}}{\boxed{\quad}}$

11 Challenge Create your own design that is equal to $3\frac{1}{2}$, or $\frac{7}{2}$.

