

Fraction Riddles (set model)

Materials: color tiles

Record your answer.

I have 8 tiles.
 $\frac{3}{8}$ of my tiles are red.
I have one more blue than green.
Show tiles to a partner.

I have red and yellow tiles.
 $\frac{1}{2}$ of my tiles are yellow.
4 tiles are red.
Show tiles to a partner.

I have a set of tiles.
 $\frac{1}{4}$ of my tiles are blue.
 $\frac{2}{8}$ of my tiles are red.
 $\frac{1}{2}$ of my tiles are green.
Show tiles to a partner.

Build a Rectangle (area model)

I am a rectangle with an area of 12.
I am $\frac{1}{4}$ blue, $\frac{1}{3}$ yellow, $\frac{1}{6}$ green, and $\frac{1}{4}$ red.
Build me!

Use color tiles to build a rectangle that
is $\frac{1}{2}$ red and $\frac{1}{2}$ blue.
Can you make three different rectangles?

Use color tiles to build a rectangle that
is $\frac{1}{2}$ red, $\frac{1}{8}$ yellow, $\frac{1}{8}$ blue and $\frac{1}{4}$ green.
Can you make more than one rectangle?

Use color tiles to build a rectangle that
is $\frac{1}{3}$ green and $\frac{2}{3}$ blue.
Can you make more than one rectangle?

