

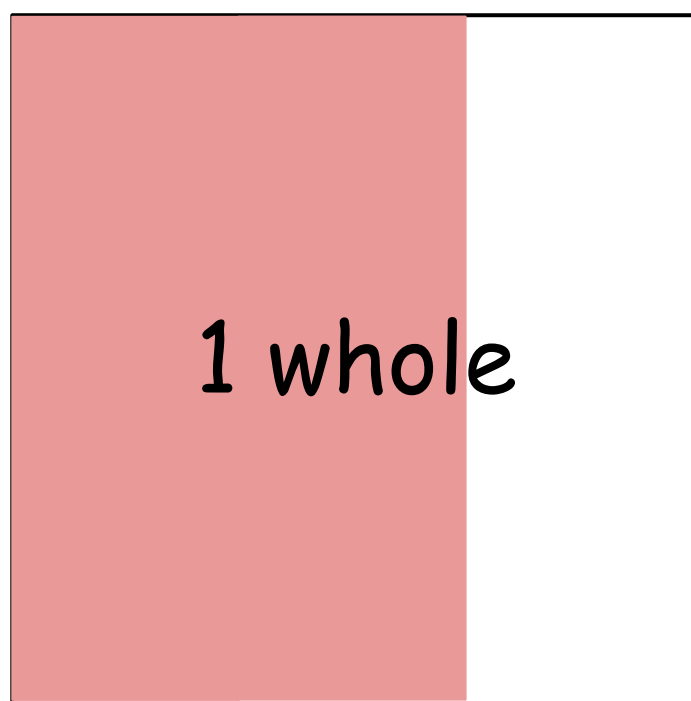
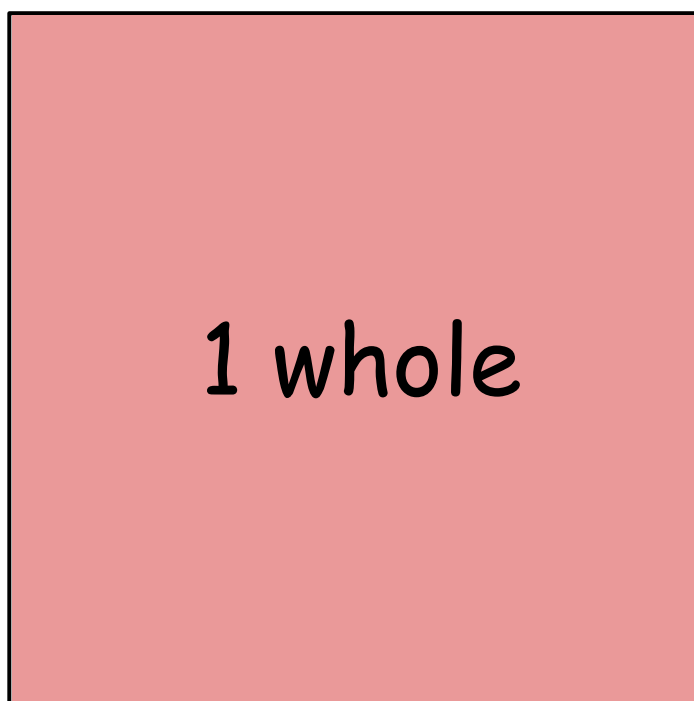
Fractions Greater Than 1

Build shapes with areas more than 1 whole



Cover the Area

Use the tiling tool to model the picture below.
How much of the squares is covered?

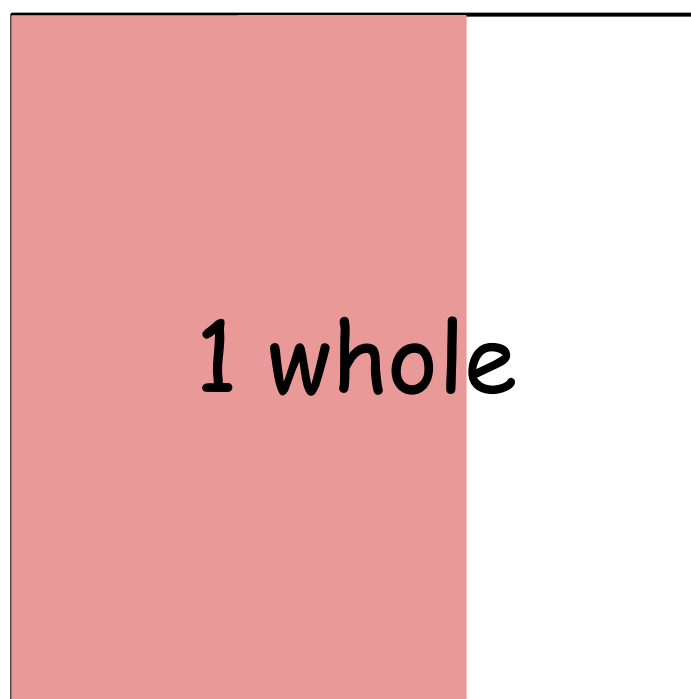




Share Your Strategy

Let's cover the squares like the image below.

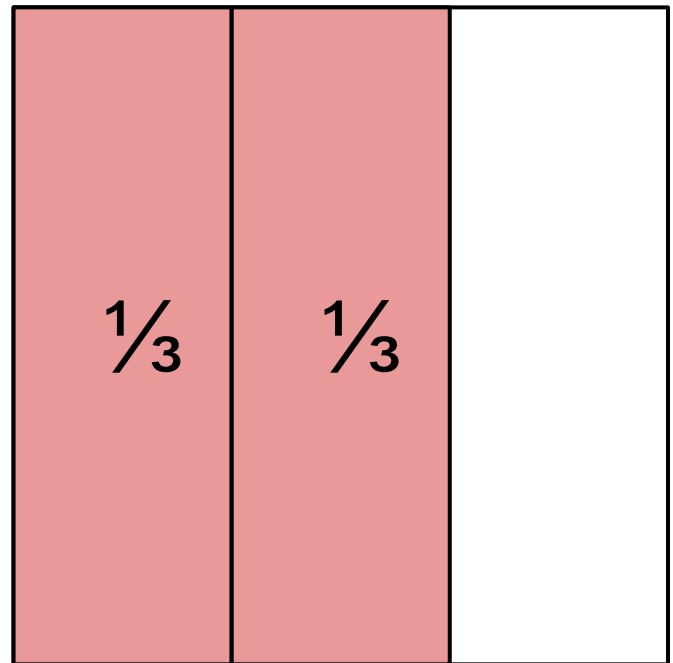
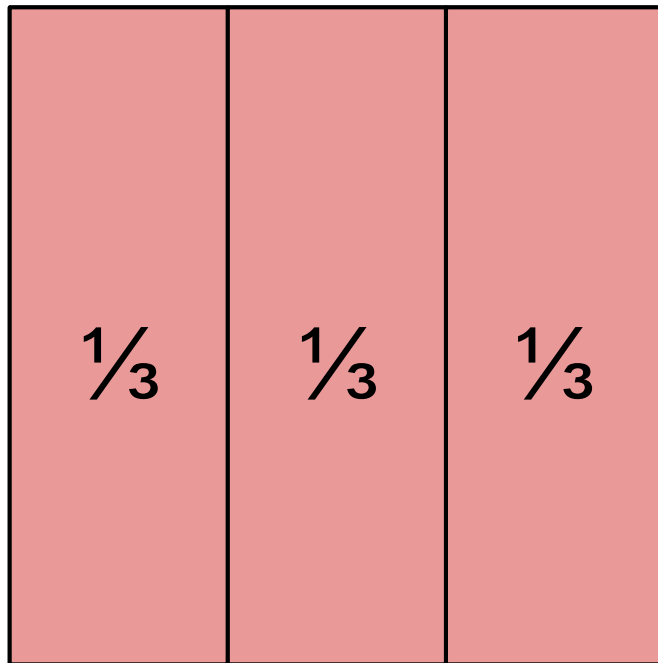
What's the value of the shaded area?





Summarize

3-thirds cover 1 square and
2-thirds of the other square.



$$\underline{5\text{-Thirds} = 5/3}$$



Fill in the Squares

Use your tiling tool to model $\frac{7}{4}$.

1 whole

1 whole



Share Solutions

Let's model $\frac{7}{4}$.

1 whole

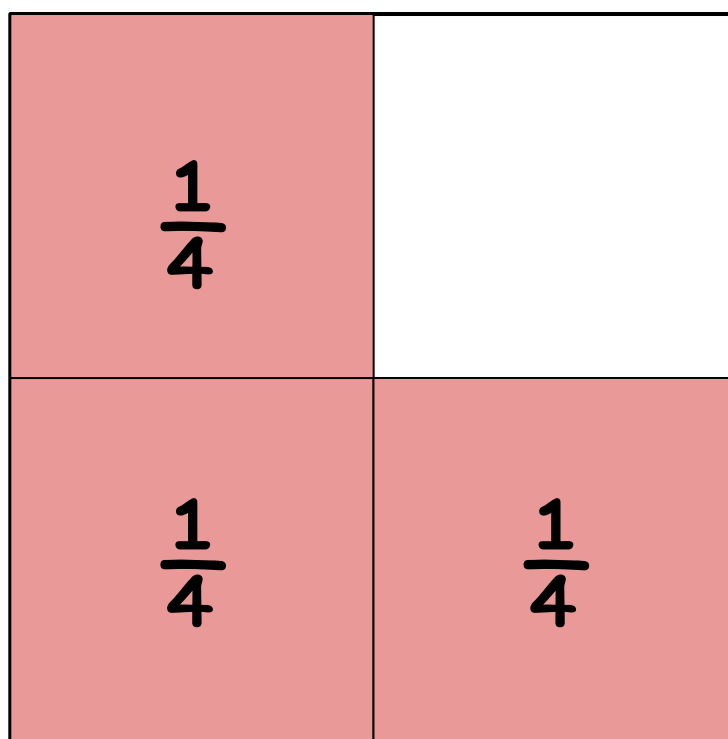
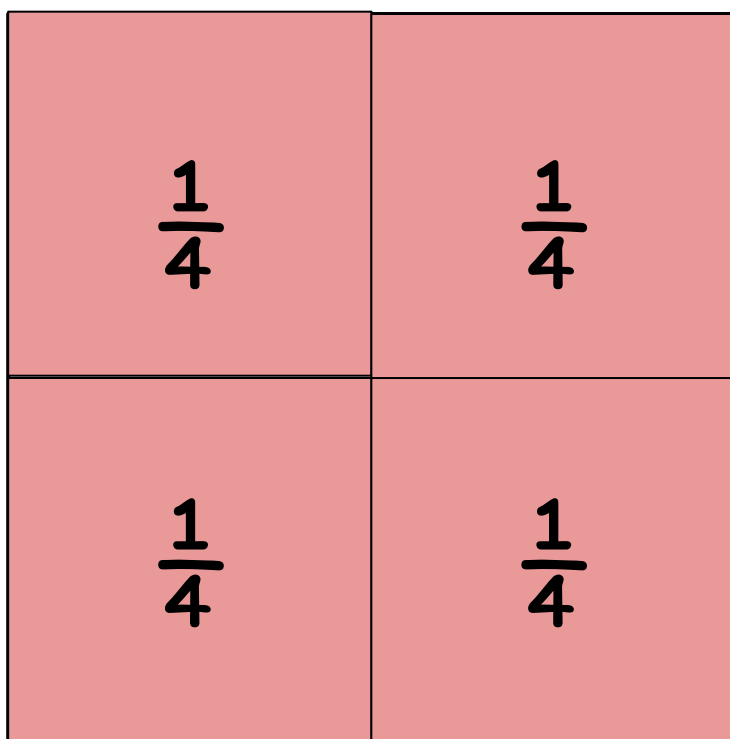
1 whole



Summarize

(1 of 2)

4-fourths cover 1 large square and
3-fourths of the other square.



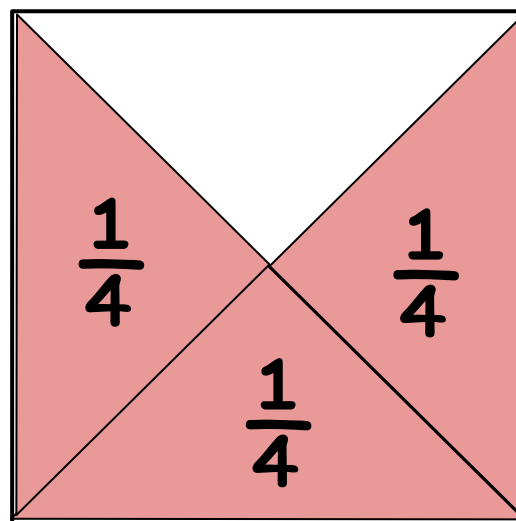
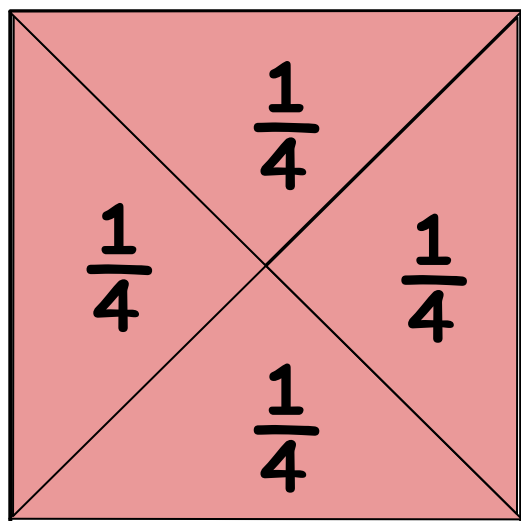
$$7\text{-Fourths} = \frac{7}{4}$$



Summarize

(2 of 2)

Different shapes can cover the same area. Each triangle covers 1-fourth of a whole square. 7 triangles cover $\frac{7}{4}$ of both squares.



$$7\text{-Fourths} = \frac{7}{4}$$



What do you think?

Estimate how much area is shaded, then use your tool to model and discuss.

