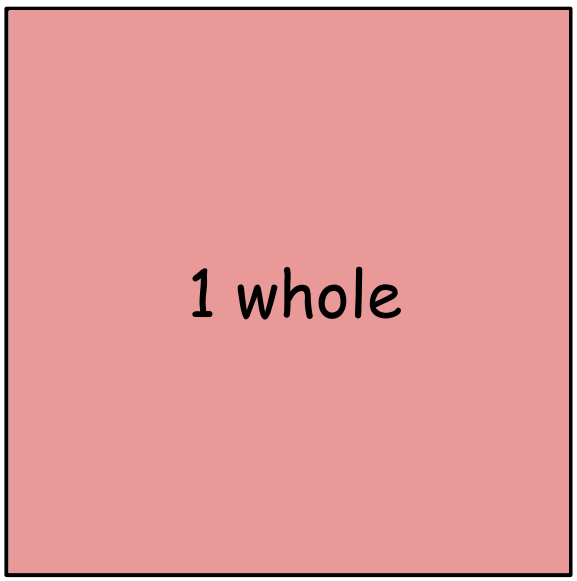
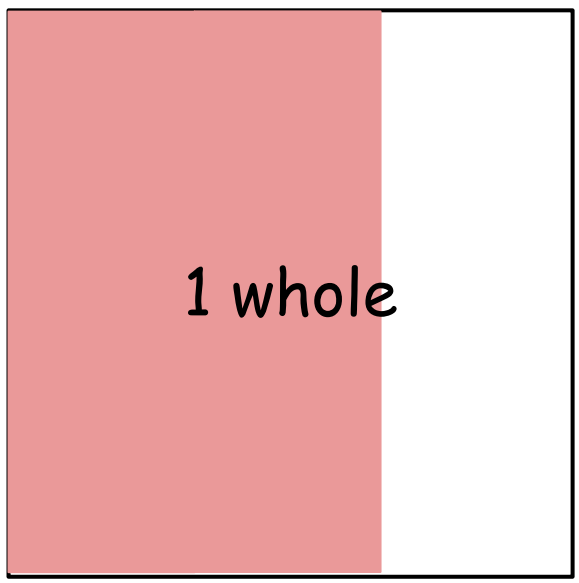
Model Fractions Greater Than 1

Build shapes with areas more than 1 whole

Cover the Area

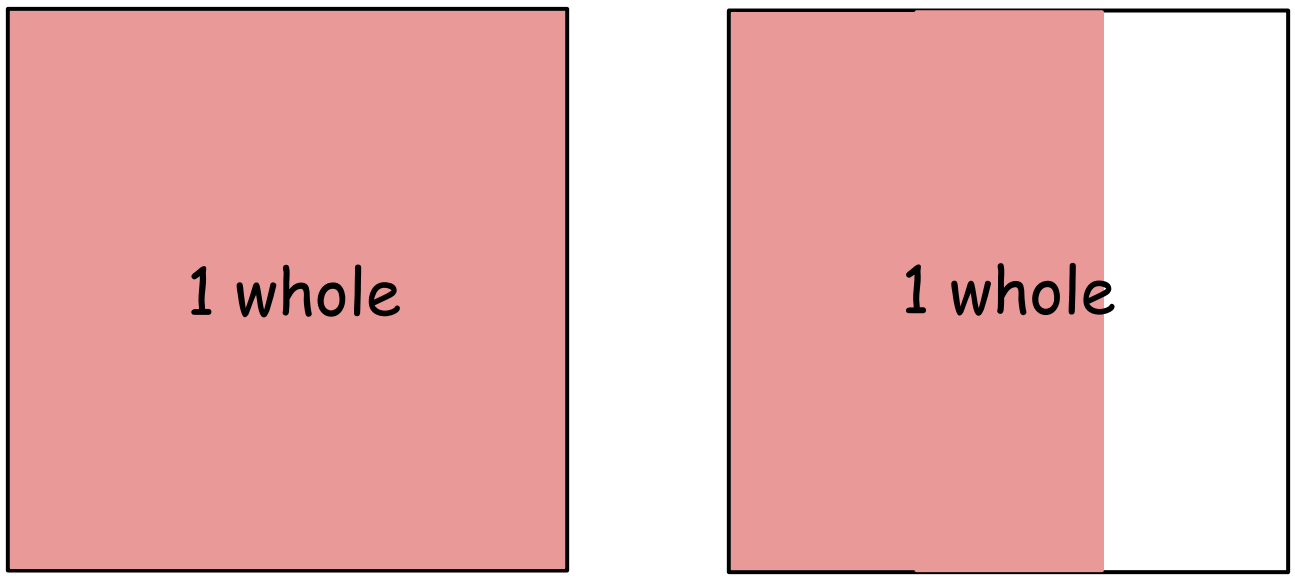
Use the tiling tool to model the picture below.
How much of the squares is covered?





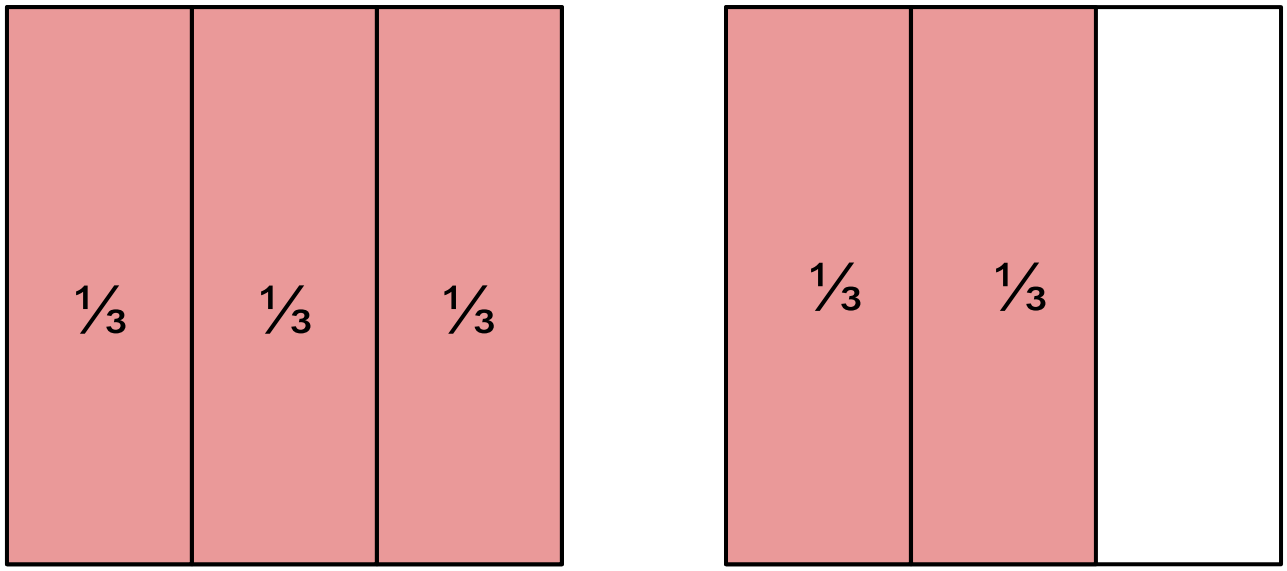
Share Your Strategy

Let's model how to cover the squares like the image below. What's the value of the shaded area?



Summarize

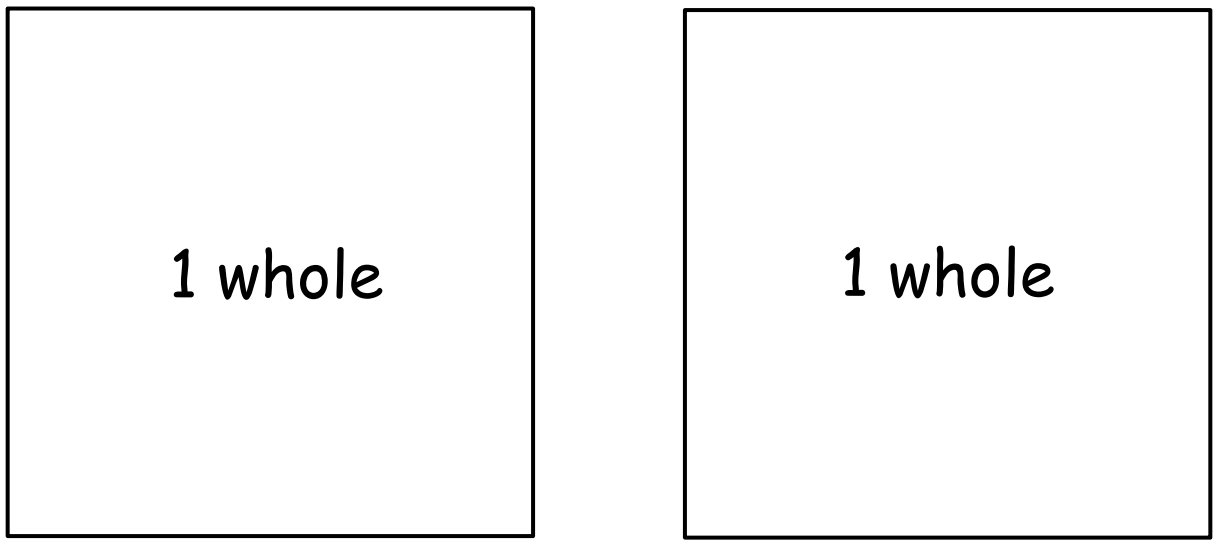
3-thirds cover 1 square, and 2-thirds of the other square.



5-Thirds = 5/3

Fill in the Squares

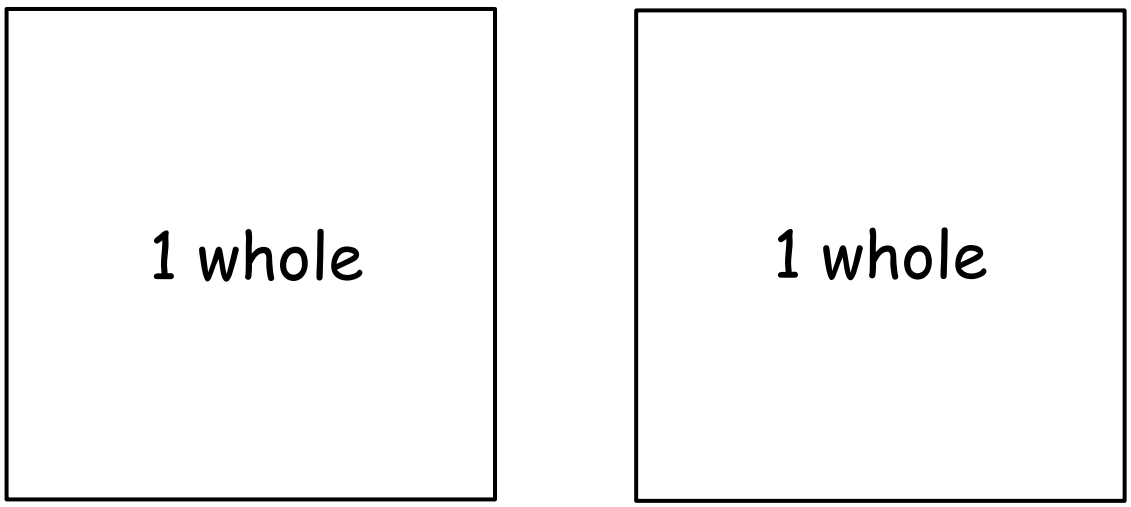
Use your tiling tool to model $\frac{7}{4}$.



5

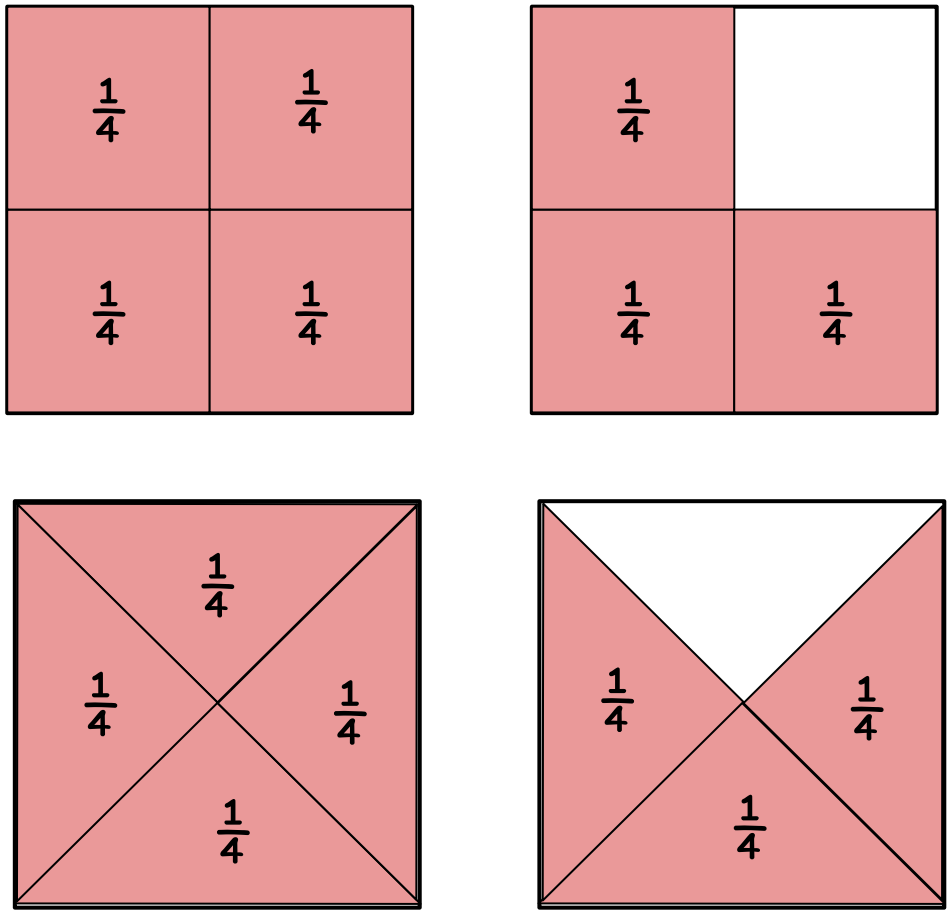
Share Different Solutions

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



Summarize

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



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

What do you think?

Estimate how much area of the 2 squares is shaded.