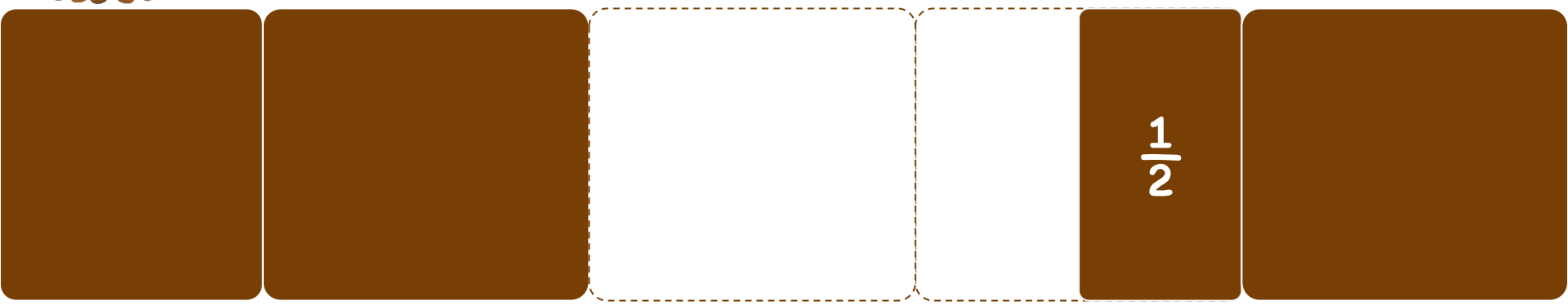
Fractions Greater Than 1

Build shapes with areas more than 1 whole

Cover the space with the fewest pieces.
Cover the space with the most pieces.

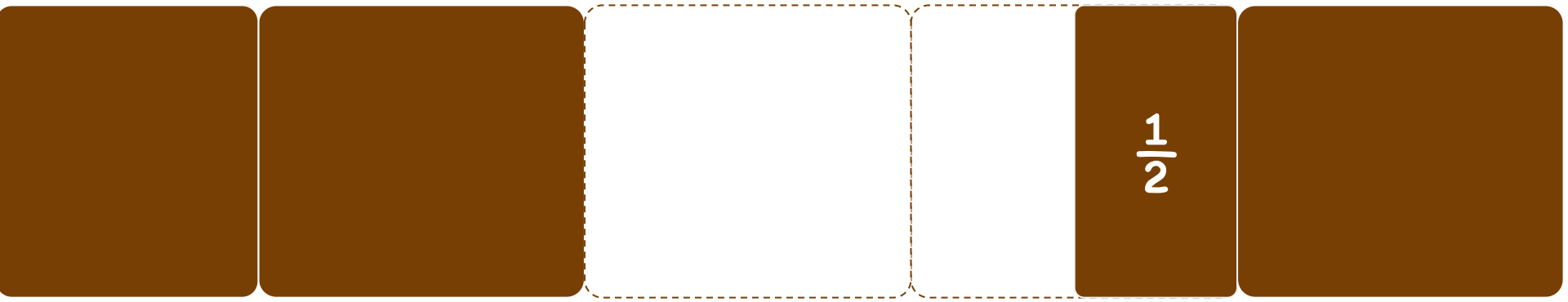
Use the tool to solve then draw and label your solution on your handout. A



5

Share Your Strategy

Describe your shape as a fraction of the whole square.

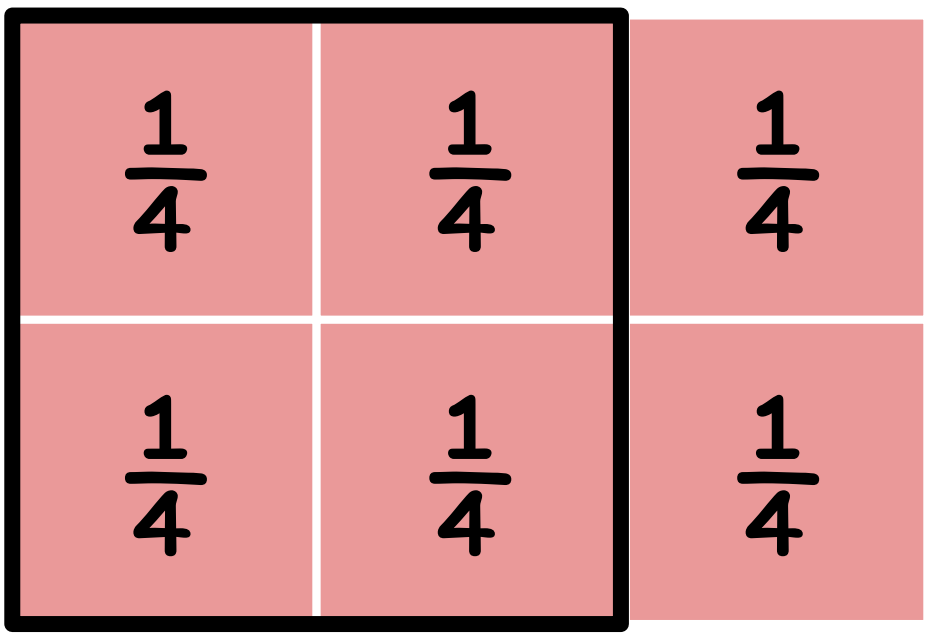


Summarize

(1 of 2)

The 1-fourth square is the largest piece we have that works. It takes 6-fourths.

$$6 \text{ Fourths} = \frac{6}{4}$$

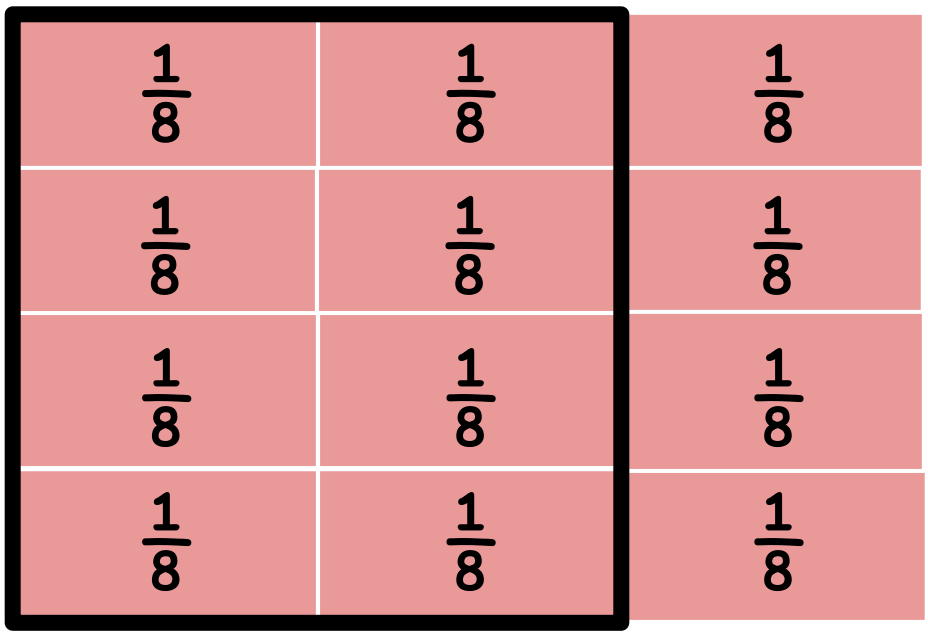


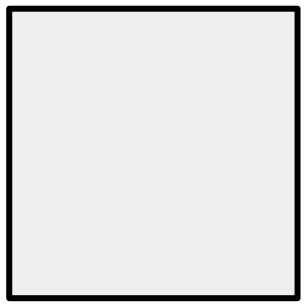
Summarize

(2 of 2)

The one eighths are the smallest pieces.
It takes 12-eighths.

$$\text{12 Eighths} = \frac{12}{8}$$



Model $\frac{7}{4}$ of the 

Use only one shape at a time.

Can you find more than 1 way to do this?

Draw the solutions on your paper. B

Share Your Strategy

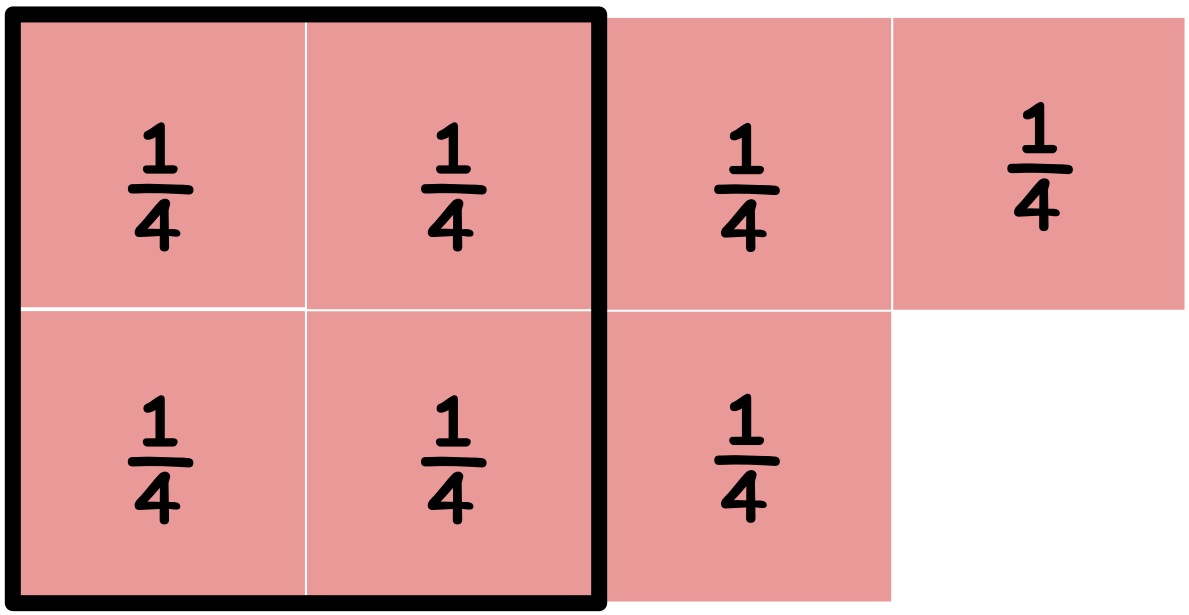
What can a space that is 7-fourths of the square look like?

Summarize

(1 of 2)

The small square is 1-fourth the whole.
7-fourths can look like this.

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



Summarize

(2 of 2)

7-fourths of the whole can also look like this.

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