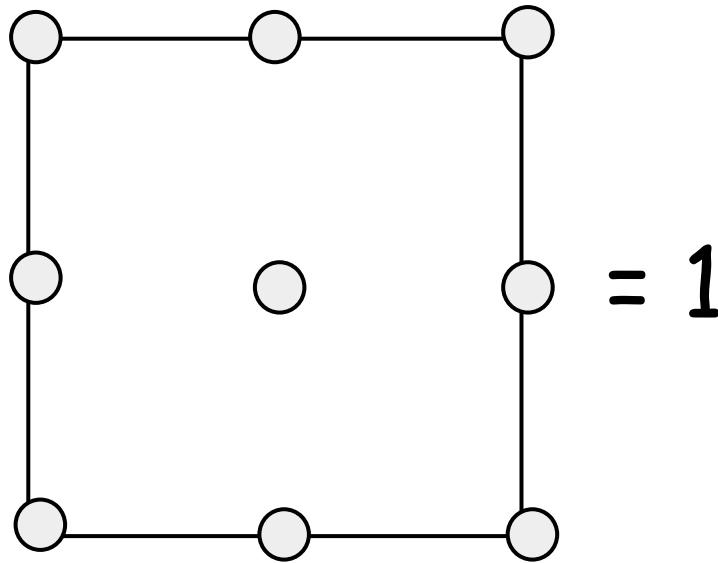# Building Non-Unit Fractions

Partition a whole into fractions ≤ 1 whole

Scavenger Hunt

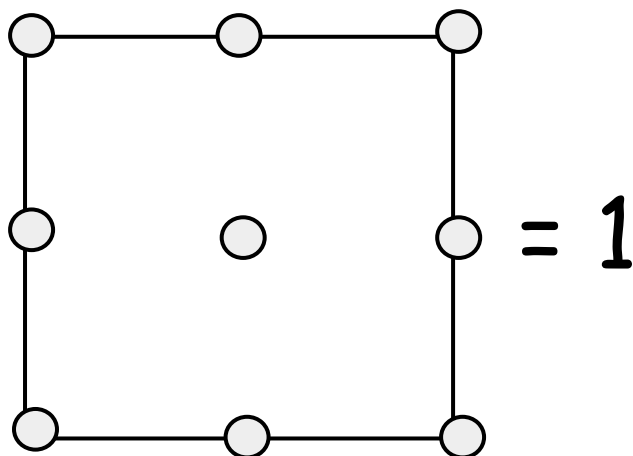Cover the whole square with:
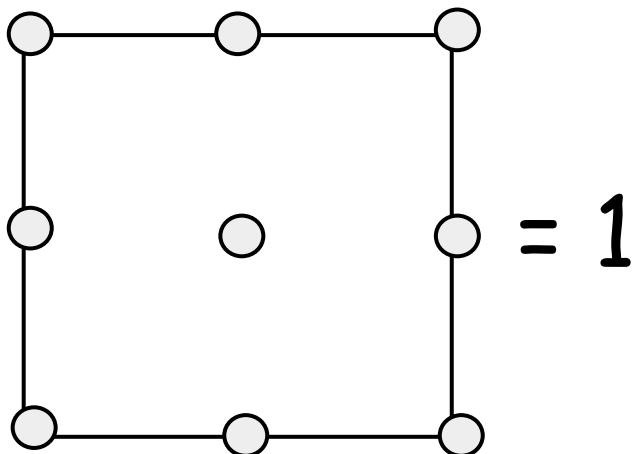2 halves
4 fourths

= 1

Cover the Whole

If the large square is 1 whole,
cover the square using eighths.

= 1

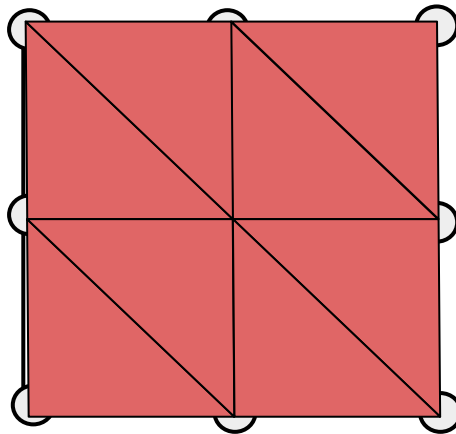# Share Different Solutions

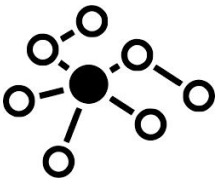Let's model building eighths using the large square as 1.

= 1

Summarize

Each piece is $\frac{1}{8}$ of the whole because 8-eighths make 1 whole.
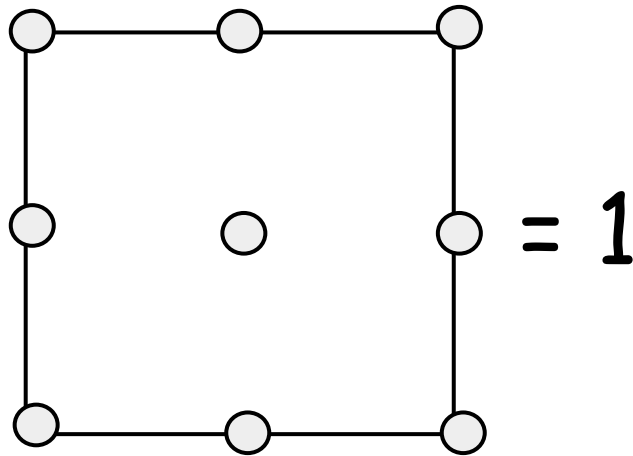

$$\frac{8}{8} = 1$$
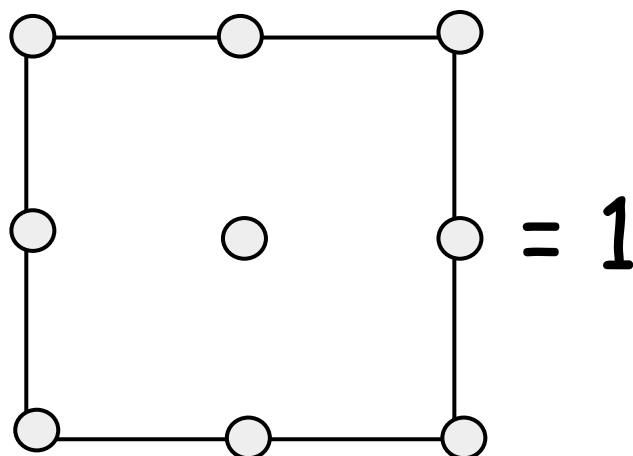
Cover Part of the Whole

If the large square is 1 whole, cover 3-fourths ($\frac{3}{4}$) of the square.
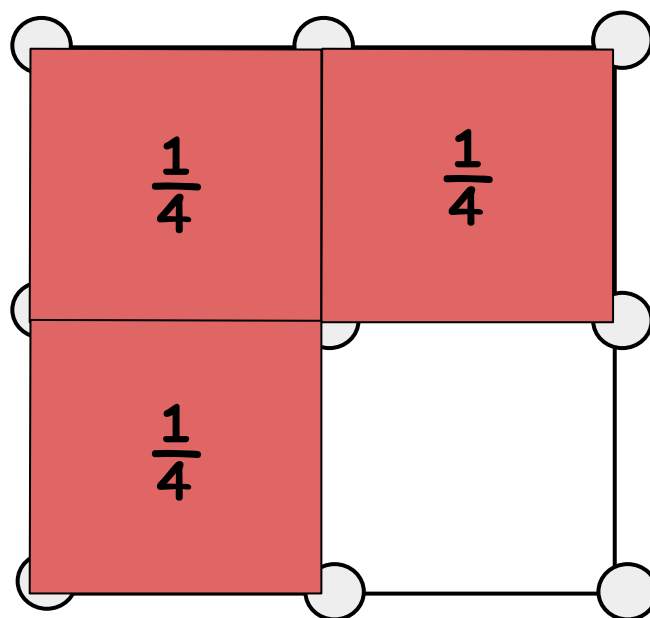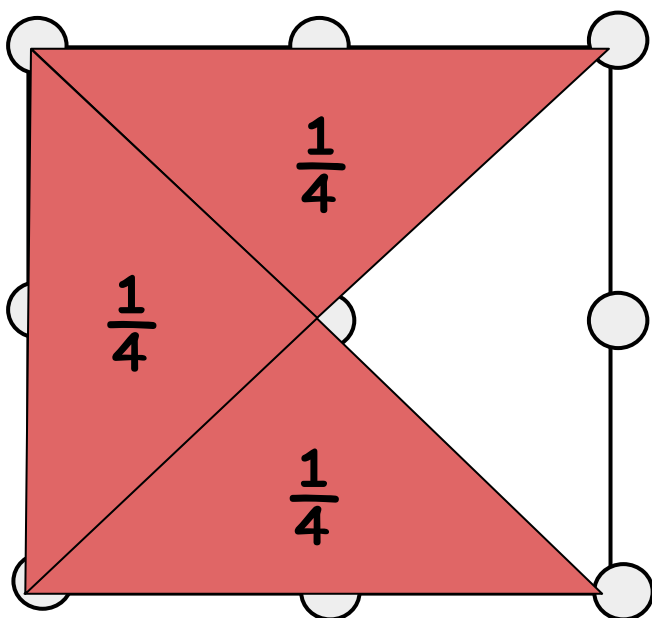
= 1

Share Different Solutions

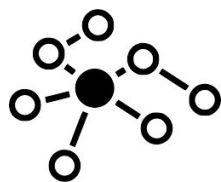Let's model ways to cover 3-fourths (¾) of the square.

= 1

Summarize

3-fourths is three $\frac{1}{4}$ pieces.

$$\frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

What do you think?

If the large square = 1,
how much is covered by these shapes?