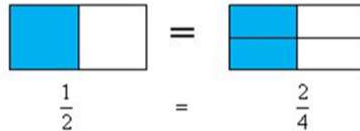# 4.NF.a.1   Equivalent Fractions

I can show & explain why two fractions are equivalent even though the numerator & denominators are different.

LINGO
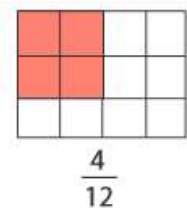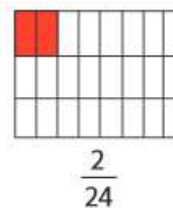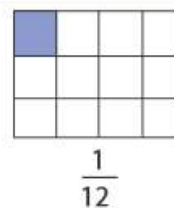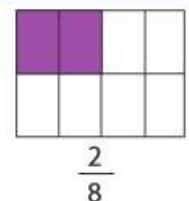
equivalent fractions

Fractions that name the same amount

$$\frac{1}{2} = \frac{2}{4}$$

HOW

$$1/2 = 2/4 = 4/8$$

These are all equivalent fractions
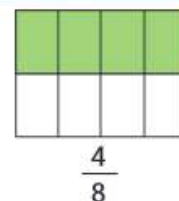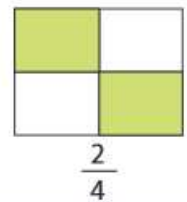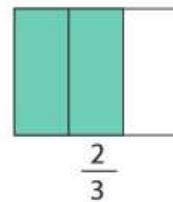
These 2 rectangles are the same size.

This one is divided into 10 pieces   This one is divided into 5 pieces

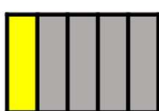What do you notice about the yellow shaded parts?

2/10   1/5

PRACTICE

Look at the shaded areas of the pictures below, then circle the ones that are equal.

$$\frac{1}{2} \qquad \frac{2}{3} \qquad \frac{2}{4}$$

$$\frac{4}{8} \qquad \frac{1}{4} \qquad \frac{2}{8}$$

$$\frac{1}{12} \qquad \frac{2}{24} \qquad \frac{4}{12}$$
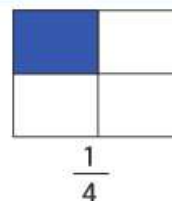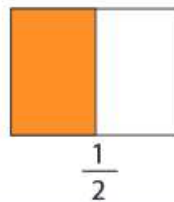
Look at the fraction on the left. Color the boxes on the right so they are each equal to the one on the left.

$$\frac{2}{3} \qquad \frac{4}{6} \qquad \frac{8}{12}$$