Make Your Own Fractions—
Equivalent Fractions   Name:

You will construct equivalent fractions.

EXPLORE

1. Open **Make Your Own Fractions**--**Equivalent Fractions.gsp.**
    Go to page "Practice."

    Choose **Make Fraction** from the Custom Tools menu.

    Follow these steps to make a fraction:

    - Click a number. This is the numerator.
    - Click another number. This is the denominator.
    - Click to place a vertex of a rectangle. Your fraction is complete!
    - Use the tool to practice making several more fractions.

    If you make a fraction but don't want to keep it, choose **Edit | Undo Make Fraction.**

2. Go to page "1/2." Use the **Make Fraction** tool to make as many fractions as possible that are equal to $\frac{1}{2}$. Write the fractions below.

    _____

    _____

3. Go to page "1/3." Use the **Make Fraction** tool to make as many fractions as possible that are equal to $\frac{1}{3}$. Write the fractions below.

    _____

    _____

4. Go to page "1/4." Use the **Make Fraction** tool to make as many fractions as possible that are equal to $\frac{1}{4}$. Write the fractions below.

    _____

    _____

5. Go to page "2/3." Use the **Make Fraction** tool to make as many fractions as possible that are equal to $\frac{2}{3}$. Write the fractions below.

6. Explain how you know all the fractions on each sketch page are equal.

7. Describe the strategies you used to find equivalent fractions.