

# 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 the center of a circle. 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.

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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.

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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.

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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.

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

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

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