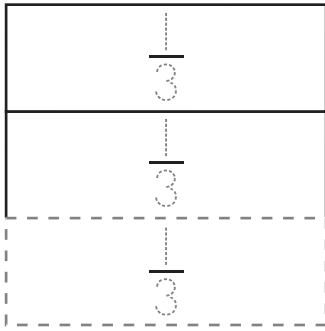
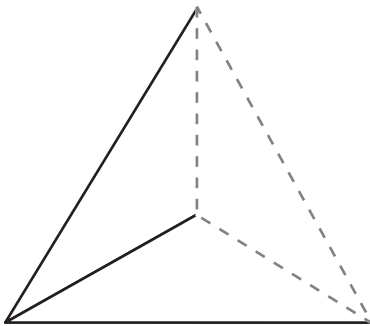
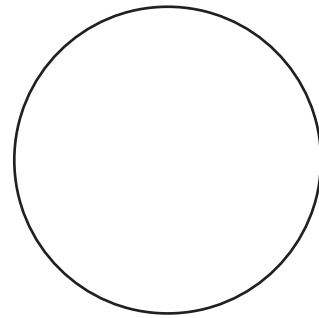
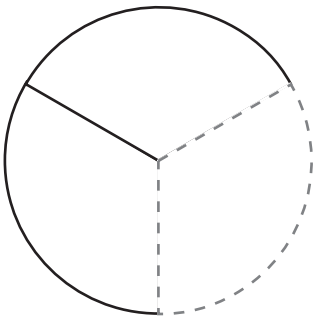
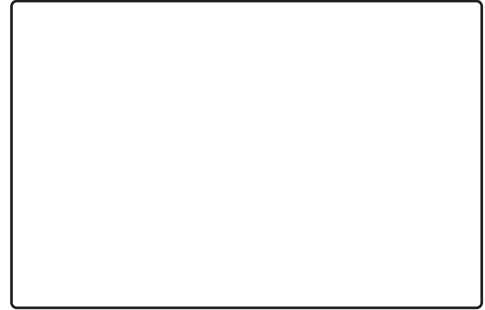


Name \_\_\_\_\_

**Directions:** **One-third** means 1 out of 3 equal parts. **Three thirds** equal one **whole** figure. Trace the missing **third** of each shape. Divide the remaining shapes into thirds. Label each section  $\frac{1}{3}$  and write the word one-third on the line segment provided.



one-third

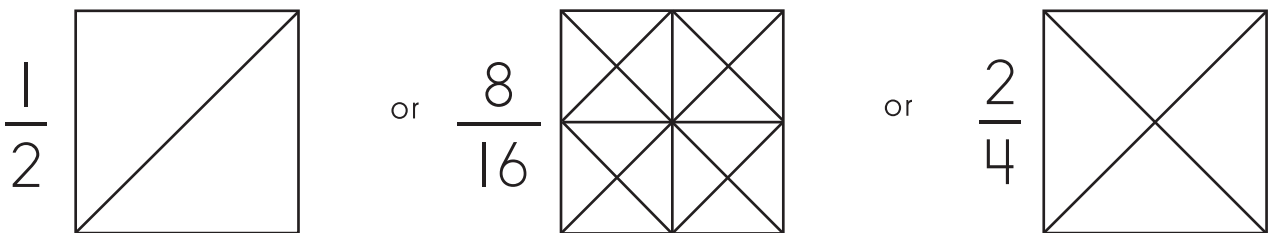
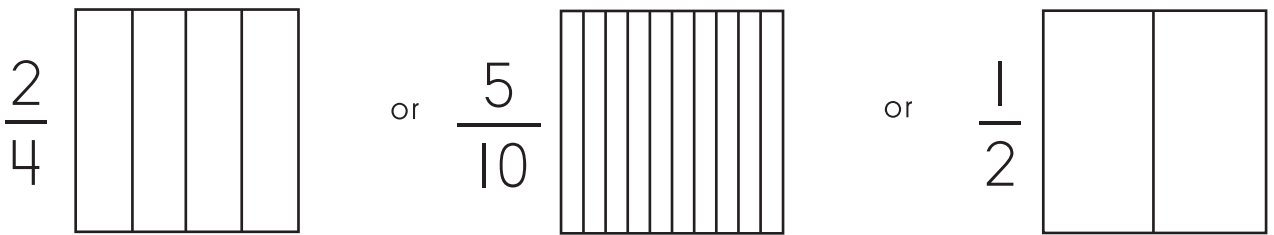
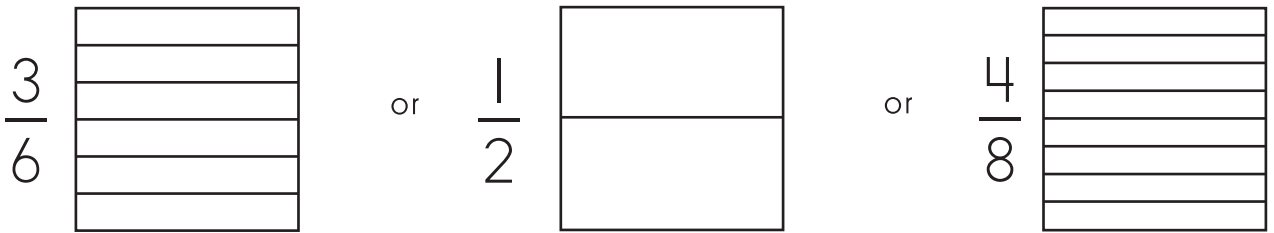
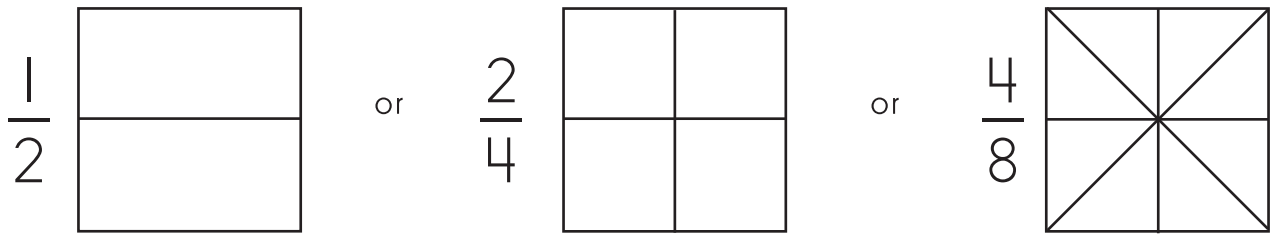
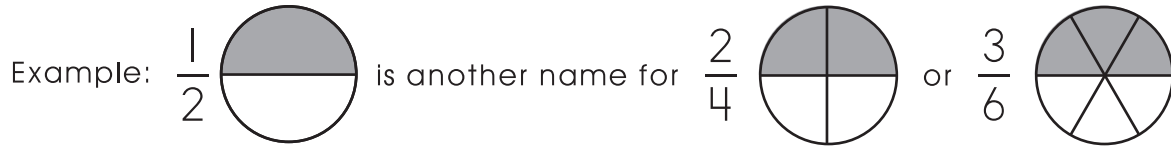


☆ **Puzzler** ☆

Think of another way to divide a triangle into 3 equal parts.

Name \_\_\_\_\_

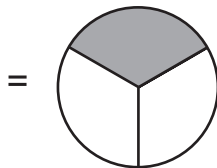
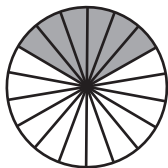
**Directions:** When renaming a fraction, its numerals change, but not its value. Think: If your name is Samuel, and some people rename you Sam (or even Hambone) you are the same person, but just have other names. Shade each square to show the fractions are equal, but have different names.



Name \_\_\_\_\_

**Directions:** When you simplify a fraction, you convert it to the least (most simple) numbers. Simplify the following fractions by dividing the numerator and denominator by 6.

$$\frac{6}{18} \div 6 = \frac{1}{3}$$



$$\frac{6}{18} = \frac{1}{3}$$

$$\frac{6}{12} = \frac{1}{2}$$

$$\frac{12}{18} = \text{—}$$

$$\frac{6}{24} = \text{—}$$

$$\frac{24}{30} = \text{—}$$

$$\frac{6}{30} = \text{—}$$

$$\frac{18}{30} = \text{—}$$

$$\frac{6}{42} = \text{—}$$

$$\frac{30}{36} = \text{—}$$

$$\frac{6}{48} = \text{—}$$

$$\frac{42}{48} = \text{—}$$

$$\frac{6}{54} = \text{—}$$

$$\frac{48}{54} = \text{—}$$

Name \_\_\_\_\_

**Directions:** Divide the fractions and mixed numbers. Rename the answer if necessary.

Step 1: Rewrite the fraction (1/2).

Step 2: Convert the mixed number to an improper fraction (27/8).

Step 3: Invert (flip) the improper fraction (8/27).

Step 4: Multiply the numerators (1x8) and the denominators (2x27). Write the answers.

Step 5: Rename each answer in its lowest terms.

$$\frac{1}{2} \div 3\frac{3}{8} = \frac{1}{2} \div \frac{27}{8} = \frac{1}{2} \times \frac{8}{27} = \frac{8}{54} = \frac{4}{27}$$

$$3\frac{1}{3} \div \frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$$

$$2\frac{5}{8} \div \frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$$

$$\frac{5}{6} \div 1\frac{1}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} =$$

$$\frac{4}{5} \div 2\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$$