Pattern Block Equivalent Fractions

1 Whole

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{6}$

$\frac{1}{8}$

Pattern Block Equivalent Fractions

Pattern Block Equivalent Fractions

How many △ Cover (equal) ⬯ ? _____

How many △ Cover (equal) ◇ ? _____

How many ◇ Cover (equal) ⬡ ? _____

How many ⬯ Cover (equal) ⬡ ? _____

How many △ Cover (equal) ⬡ ? _____
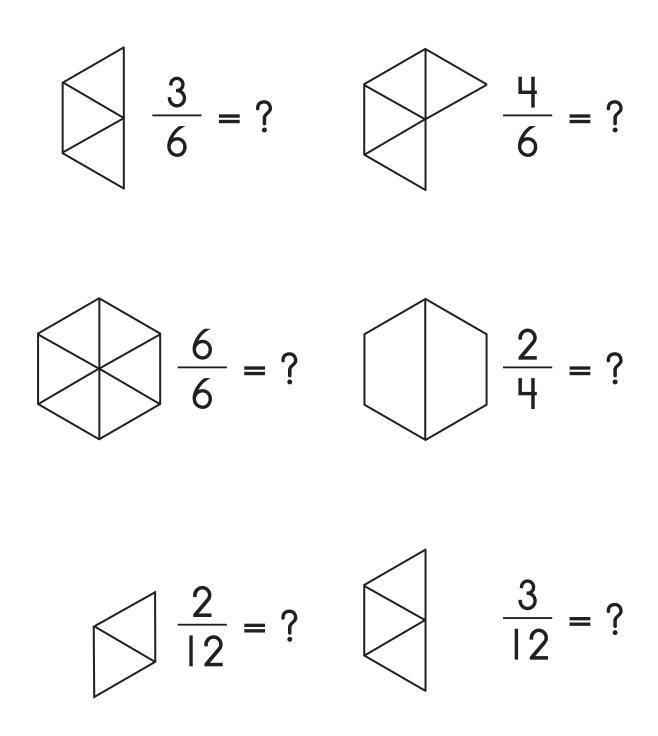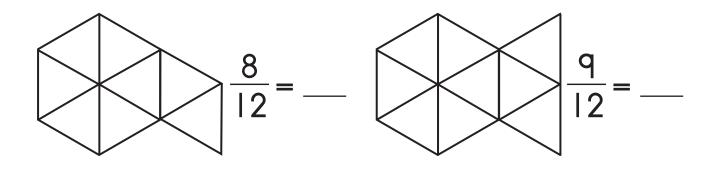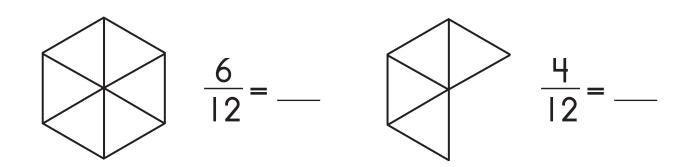
Pattern Block Equivalent Fractions

What is the largest piece that can fit in the pieces? How many times will it fit?

$$\frac{3}{6} = ?$$

$$\frac{4}{6} = ?$$

$$\frac{6}{6} = ?$$

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

$$\frac{2}{12} = ?$$

$$\frac{3}{12} = ?$$

$\frac{8}{12} = \underline{\quad}$

$\frac{9}{12} = \underline{\quad}$

$\frac{6}{12} = \underline{\quad}$

$\frac{4}{12} = \underline{\quad}$

$\frac{4}{6} = \underline{\quad}$

Show 4 different ways to show 4/4.

Show 4 different ways to show 4/4.

Show 7 different ways to show 6/6.
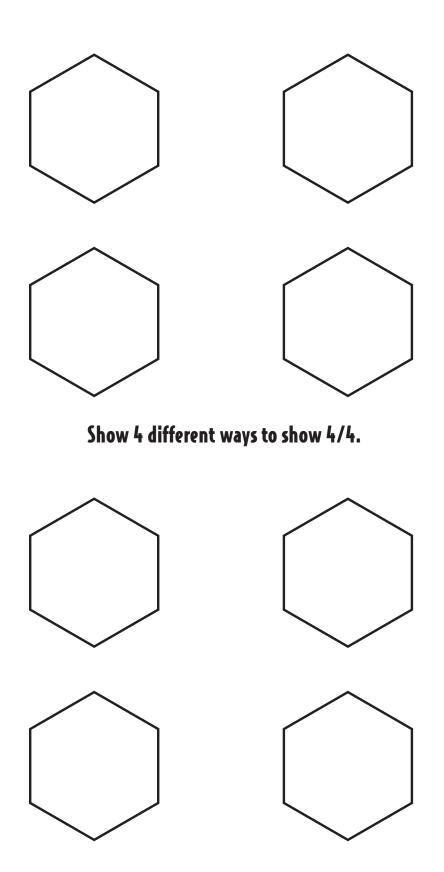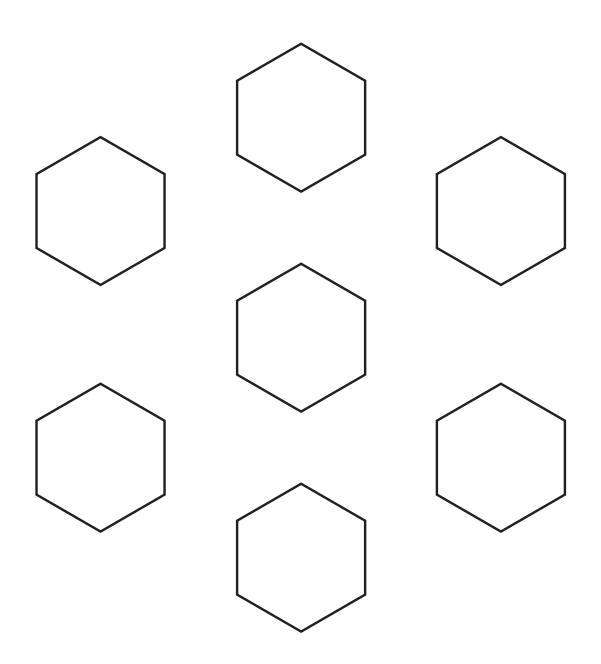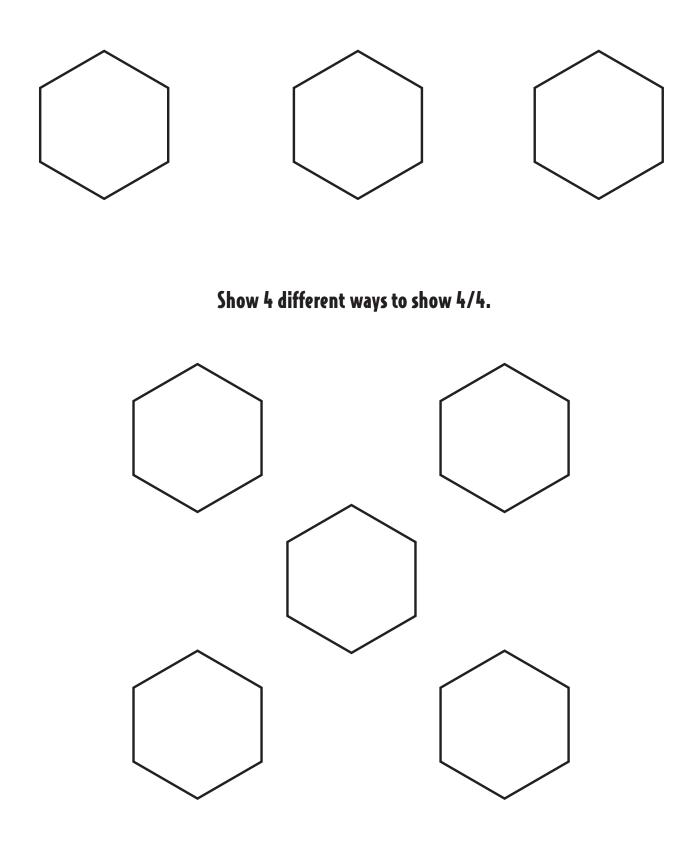
Show 3 different ways to show 3/6.

Show 4 different ways to show 4/4.

Show the following equations using Pattern Blocks:
- Explain your answer to your neighbor
- Explain your answer in your journal

$$\frac{1}{6} + \frac{1}{3} = \frac{3}{6} \text{ or } \frac{1}{2}$$

$$\frac{5}{6} - \frac{2}{3} = \frac{1}{6}$$

$$\frac{1}{6} + \frac{2}{3} = \frac{5}{6}$$

$$\frac{4}{6} - \frac{1}{3} = \frac{2}{6} \text{ or } \frac{1}{3}$$

$$\frac{2}{6} + \frac{1}{3} = \frac{4}{6} \text{ or } \frac{2}{3}$$

$$\frac{6}{6} - \frac{2}{3} = \frac{2}{6} \text{ or } \frac{1}{3}$$

$$\frac{2}{6} + \frac{2}{3} = \frac{6}{6} \text{ or } 1$$

$$\frac{4}{6} - \frac{1}{2} = \frac{1}{6}$$

$$\frac{1}{6} + \frac{1}{2} = \frac{4}{6} \text{ or } \frac{2}{3}$$

$$\frac{5}{6} - \frac{1}{3} = \frac{1}{2}$$

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

$$\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$$