Fractions: Decomposed

You will need: fraction bars, circles, or squares

1. Choose one of the following fractions and build it with the fraction kit.

$$\frac{9}{12} \qquad \frac{5}{6} \qquad \frac{7}{8} \qquad 1\frac{7}{10} \qquad 2\frac{2}{3} \qquad 4\frac{3}{4}$$

2. How many different ways can you decompose the fraction that you built into a sum of fractions with the same denominator?

3. Record each decomposition using a fraction diagram and an equation.

Example:

Fraction	Fraction Diagram	Equation
$\frac{5}{8}$		$\frac{5}{8} = \frac{2}{8} + \frac{2}{8} + \frac{1}{8}$

Name: _____

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Fraction	Fraction Diagram	Equation