

Name _____

Fraction Bins Answer Key

Closest to 0: $\frac{1}{12}$, $\frac{2}{11}$, $\frac{2}{7}$, $\frac{1}{9}$, $\frac{3}{14}$

Closest to $\frac{1}{2}$: $\frac{4}{9}$, $\frac{5}{8}$, $\frac{7}{15}$, $\frac{3}{5}$, $\frac{5}{11}$, $\frac{8}{15}$

Closest to 1: $\frac{8}{9}$, $\frac{11}{12}$, $\frac{7}{8}$, $\frac{9}{10}$

Teacher's Guide

- Quick implementation: Review how the numerator compares with the denominator. A small numerator suggests a value near 0, a numerator near half the denominator suggests a value near $\frac{1}{2}$, and a numerator near the denominator suggests a value near 1.
- Differentiation: Give students who need support a number line labeled 0, $\frac{1}{2}$, and 1. Challenge advanced students to justify two of their sorting choices.
- Engagement: Have students predict which group will contain the most fractions before sorting, then check their prediction.
- Extension: Ask students to create one new fraction for each group and explain why it belongs there.