

Name: _____

Date: _____



Comparing Fractions Using Benchmarks

We can use benchmarks 0, $\frac{1}{2}$, and 1 to help compare fractions.

0

Any fraction is greater than 0.

$\frac{1}{2}$

Fractions less than $\frac{1}{2}$ are smaller.

Fractions greater than $\frac{1}{2}$ are larger.

1

Any fraction is less than 1.

Directions: Use the benchmarks 0, $\frac{1}{2}$, and 1 to compare each pair of fractions.

Write <, >, or = in the circle. Show your thinking in the space provided.

1. $\frac{2}{8}$ ○ $\frac{1}{2}$

2. $\frac{3}{4}$ ○ $\frac{2}{4}$

3. $\frac{1}{3}$ ○ $\frac{1}{2}$

4. $\frac{5}{6}$ ○ $\frac{3}{4}$

5. $\frac{2}{3}$ ○ $\frac{2}{5}$

6. $\frac{7}{10}$ ○ $\frac{1}{2}$

★ **Challenge:** Write two different fractions that are both greater than $\frac{1}{2}$ but less than 1.

First fraction: _____

Second fraction: _____