Comparing Fractions to One Half

Name: _____ Date: _____

Sort the fractions: less than, equal to or greater than 1/2. Tip: double the numerator and compare it to the denominator.

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

Less than 1/2	Equal to 1/2	Greater than 1/2

Use 1/2 to compare. Write <, > or = in each circle.

1. $\frac{2}{3}$ ◯ $\frac{1}{6}$

2. $\frac{2}{3}$ ◯ $\frac{2}{10}$

3. $\frac{2}{7}$ ◯ $\frac{10}{12}$

4. $\frac{3}{4}$ ◯ $\frac{2}{9}$

5. $\frac{3}{9}$ ◯ $\frac{4}{6}$

6. $\frac{5}{9}$ ◯ $\frac{1}{5}$

7. $\frac{3}{5}$ ◯ $\frac{2}{9}$

8. $\frac{4}{12}$ ◯ $\frac{5}{8}$

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Answer Key

Sort the fractions: less than, equal to or greater than 1/2. Tip: double the numerator and compare it to the denominator.

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

Less than 1/2	Equal to 1/2	Greater than 1/2
1/9	2/4	3/5
2/5	4/8	5/7
3/7		5/8
3/9		6/9

Use 1/2 to compare. Write <, > or = in each circle.

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