Comparing Fractions

To compare fractions with multiples of the same number.

Write the less than < or greater than > symbols between these fractions to make the statements correct.

$\dfrac{1}{2}$ $\boxed{<}$ $\dfrac{3}{4}$

1. $\dfrac{1}{2}$ $\square$ $\dfrac{3}{8}$

2. $\dfrac{1}{3}$ $\square$ $\dfrac{3}{6}$

3. $\dfrac{1}{4}$ $\square$ $\dfrac{3}{8}$

4. $\dfrac{4}{5}$ $\square$ $\dfrac{6}{10}$

5. $\dfrac{2}{6}$ $\square$ $\dfrac{5}{12}$

6. $\dfrac{5}{7}$ $\square$ $\dfrac{4}{14}$

7. $\dfrac{7}{12}$ $\square$ $\dfrac{1}{2}$

8. $\dfrac{2}{9}$ $\square$ $\dfrac{1}{3}$

9. $\dfrac{4}{12}$ $\square$ $\dfrac{1}{4}$

10. $\dfrac{4}{15}$ $\square$ $\dfrac{1}{5}$

Comparing Fractions

To compare fractions with multiples of the same number.

Find pairs of fractions which have denominators that are multiples of the same number.
Compare your fractions using the equals (=), greater than (>) and less than (<) symbols.

$\frac{1}{2}$	$\frac{2}{15}$	$\frac{4}{12}$	$\frac{1}{6}$	$\frac{8}{12}$	$\frac{4}{5}$	$\frac{3}{8}$
$\frac{4}{14}$	$\frac{2}{9}$	$\frac{5}{12}$	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{4}{6}$	$\frac{1}{4}$

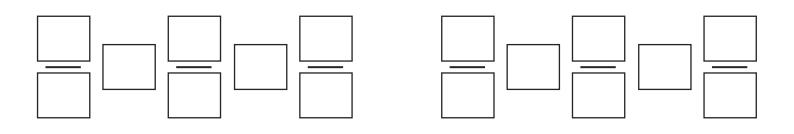|	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{3}{4}$	$\frac{6}{10}$	$\frac{2}{3}$	$\frac{2}{5}$

$$\frac{1}{2} < \frac{3}{4}$$

Comparing Fractions
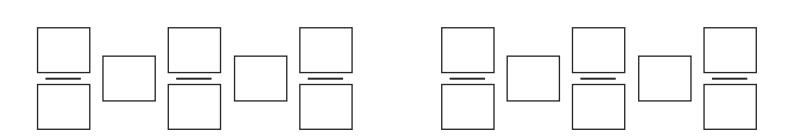
To compare fractions with multiples of the same number.

Find groups of three fractions which have denominators that are multiples of the same number. Compare your fractions using the equals (=), greater than (>) and less than (<) symbols.

$\frac{1}{2}$	$\frac{2}{15}$	$\frac{4}{12}$	$\frac{1}{6}$	$\frac{8}{12}$	$\frac{4}{5}$	$\frac{3}{8}$
$\frac{4}{14}$	$\frac{2}{9}$	$\frac{5}{12}$	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{4}{6}$	$\frac{1}{4}$
	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{3}{4}$	$\frac{6}{10}$	$\frac{2}{3}$	$\frac{2}{5}$

$$\frac{1}{2} \quad < \quad \frac{3}{4} \quad > \quad \frac{1}{8}$$

Comparing Fractions **Answers**

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1	$\frac{1}{2} > \frac{3}{8}$	**6**	$\frac{5}{7} > \frac{4}{14}$
2	$\frac{1}{3} < \frac{3}{6}$	**7**	$\frac{7}{12} > \frac{1}{3}$
3	$\frac{1}{4} < \frac{3}{8}$	**8**	$\frac{2}{9} < \frac{1}{3}$
4	$\frac{4}{5} > \frac{6}{10}$	**9**	$\frac{4}{12} > \frac{1}{4}$
5	$\frac{2}{6} < \frac{5}{12}$	**10**	$\frac{4}{15} > \frac{1}{5}$

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Open-ended reasoning tasks.

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