

# Compare and Order Fractions

**Aim:** To compare and order fractions, including fractions  $> 1$ .

**Top tip:** Converting fractions to their decimal equivalents or changing fractions to have common denominators, makes them easier to compare.

1. Compare these fractions using the  $<$  and  $>$  symbols. Simplify the fractions if necessary.

$$\frac{10}{20} \quad \square \quad \frac{2}{5}$$

$$\frac{1}{2} \quad \square \quad \frac{10}{16}$$

$$\frac{3}{8} \quad \square \quad \frac{8}{20}$$

$$\frac{14}{20} \quad \square \quad \frac{5}{8}$$

$$\frac{3}{12} \quad \square \quad \frac{1}{5}$$

$$\frac{3}{4} \quad \square \quad \frac{21}{30}$$

$$\frac{1}{8} \quad \square \quad \frac{5}{25}$$

$$\frac{24}{30} \quad \square \quad \frac{3}{4}$$

$$\frac{6}{24} \quad \square \quad \frac{3}{8}$$

$$\frac{7}{8} \quad \square \quad \frac{22}{24}$$

2. Put the following fractions in order from smallest to largest.

$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{9}{10}$	$1\frac{1}{8}$	$1\frac{21}{40}$	$1\frac{14}{20}$	$1\frac{6}{16}$	$1\frac{7}{10}$
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Smallest  $\longrightarrow$  Largest

# Compare and Order Fractions **Answers**

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1. Compare these fractions using the  $<$  and  $>$  symbols. Simplify the fractions if necessary.

$$\frac{10}{20} \boxed{>} \frac{2}{5}$$

$$\frac{1}{2} \boxed{<} \frac{10}{16}$$

$$\frac{3}{8} \boxed{<} \frac{8}{20}$$

$$\frac{14}{20} \boxed{>} \frac{5}{8}$$

$$\frac{3}{12} \boxed{>} \frac{1}{5}$$

$$\frac{3}{4} \boxed{>} \frac{21}{30}$$

$$\frac{1}{8} \boxed{<} \frac{5}{25}$$

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$$\frac{6}{24} \boxed{<} \frac{3}{8}$$

$$\frac{7}{8} \boxed{<} \frac{22}{24}$$

2. Put the following fractions in order from smallest to largest.

$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{9}{10}$	$1\frac{1}{8}$	$1\frac{21}{40}$	$1\frac{14}{20}$	$1\frac{6}{16}$	$1\frac{7}{10}$
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$1\frac{1}{8}$	$1\frac{6}{16}$	$1\frac{1}{2}$	$1\frac{21}{40}$	$1\frac{7}{10}$	$1\frac{14}{20}$	$1\frac{3}{4}$	$1\frac{9}{10}$
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Smallest  $\longrightarrow$  Largest