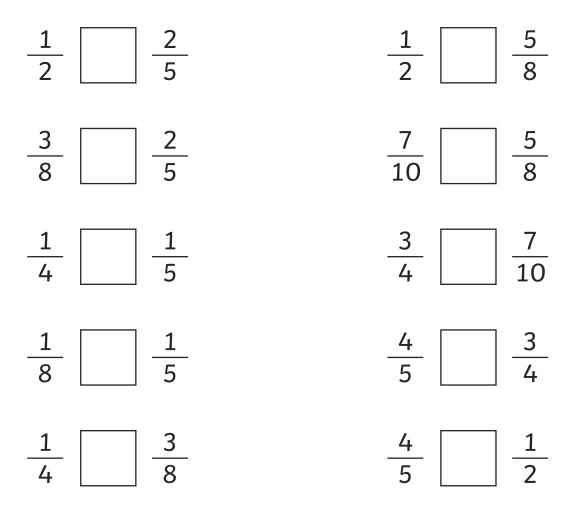# Compare and Order Fractions

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.

$\dfrac{1}{2}$ ☐ $\dfrac{2}{5}$ $\qquad$ $\dfrac{1}{2}$ ☐ $\dfrac{5}{8}$

$\dfrac{3}{8}$ ☐ $\dfrac{2}{5}$ $\qquad$ $\dfrac{7}{10}$ ☐ $\dfrac{5}{8}$

$\dfrac{1}{4}$ ☐ $\dfrac{1}{5}$ $\qquad$ $\dfrac{3}{4}$ ☐ $\dfrac{7}{10}$

$\dfrac{1}{8}$ ☐ $\dfrac{1}{5}$ $\qquad$ $\dfrac{4}{5}$ ☐ $\dfrac{3}{4}$

$\dfrac{1}{4}$ ☐ $\dfrac{3}{8}$ $\qquad$ $\dfrac{4}{5}$ ☐ $\dfrac{1}{2}$

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

$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{9}{10}$	$1\frac{1}{8}$	$1\frac{5}{8}$	$1\frac{4}{5}$	$1\frac{2}{5}$	$1\frac{7}{10}$

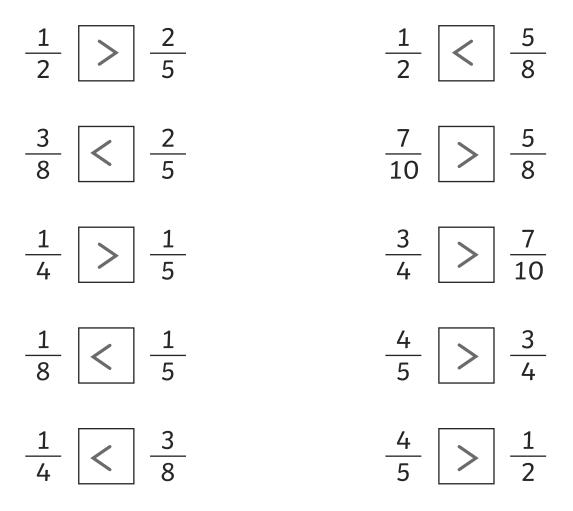Smallest ——————————————————————→ Largest

Compare and Order Fractions **Answers**

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.

$\frac{1}{2}$ $\boxed{>}$ $\frac{2}{5}$ $\frac{1}{2}$ $\boxed{<}$ $\frac{5}{8}$

$\frac{3}{8}$ $\boxed{<}$ $\frac{2}{5}$ $\frac{7}{10}$ $\boxed{>}$ $\frac{5}{8}$

$\frac{1}{4}$ $\boxed{>}$ $\frac{1}{5}$ $\frac{3}{4}$ $\boxed{>}$ $\frac{7}{10}$

$\frac{1}{8}$ $\boxed{<}$ $\frac{1}{5}$ $\frac{4}{5}$ $\boxed{>}$ $\frac{3}{4}$

$\frac{1}{4}$ $\boxed{<}$ $\frac{3}{8}$ $\frac{4}{5}$ $\boxed{>}$ $\frac{1}{2}$

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

| $1\frac{1}{2}$ | $1\frac{3}{4}$ | $1\frac{9}{10}$ | $1\frac{1}{8}$ | $1\frac{5}{8}$ | $1\frac{4}{5}$ | $1\frac{2}{5}$ | $1\frac{7}{10}$ |

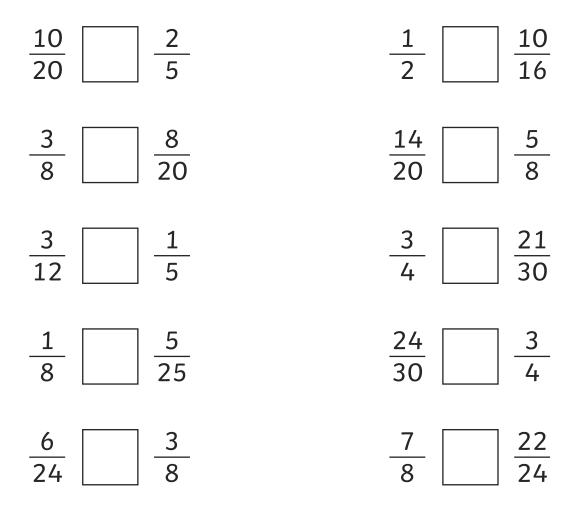| $1\frac{1}{8}$ | $1\frac{2}{5}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{7}{10}$ | $1\frac{3}{4}$ | $1\frac{4}{5}$ | $1\frac{9}{10}$ |

Smallest ⟶ Largest

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.

$\frac{10}{20}$ ☐ $\frac{2}{5}$ $\frac{1}{2}$ ☐ $\frac{10}{16}$

$\frac{3}{8}$ ☐ $\frac{8}{20}$ $\frac{14}{20}$ ☐ $\frac{5}{8}$

$\frac{3}{12}$ ☐ $\frac{1}{5}$ $\frac{3}{4}$ ☐ $\frac{21}{30}$

$\frac{1}{8}$ ☐ $\frac{5}{25}$ $\frac{24}{30}$ ☐ $\frac{3}{4}$

$\frac{6}{24}$ ☐ $\frac{3}{8}$ $\frac{7}{8}$ ☐ $\frac{22}{24}$

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

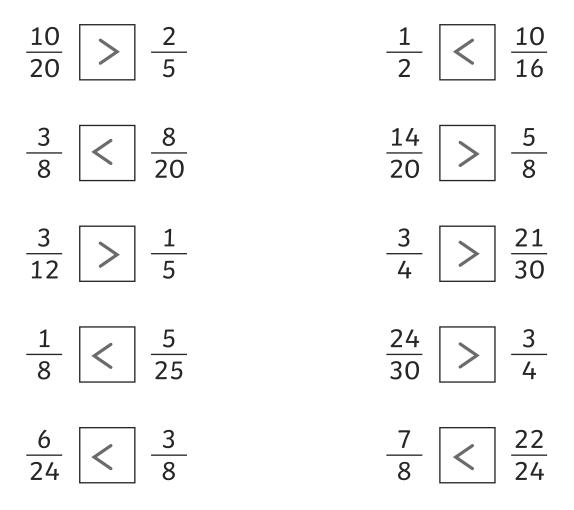| $1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{9}{10}$	$1\frac{1}{8}$	$1\frac{21}{40}$	$1\frac{14}{20}$	$1\frac{6}{16}$	$1\frac{7}{10}$

Smallest ⟶ Largest

Compare and Order Fractions **Answers**

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.

$\frac{10}{20}$ $\boxed{>}$ $\frac{2}{5}$ $\frac{1}{2}$ $\boxed{<}$ $\frac{10}{16}$

$\frac{3}{8}$ $\boxed{<}$ $\frac{8}{20}$ $\frac{14}{20}$ $\boxed{>}$ $\frac{5}{8}$

$\frac{3}{12}$ $\boxed{>}$ $\frac{1}{5}$ $\frac{3}{4}$ $\boxed{>}$ $\frac{21}{30}$

$\frac{1}{8}$ $\boxed{<}$ $\frac{5}{25}$ $\frac{24}{30}$ $\boxed{>}$ $\frac{3}{4}$

$\frac{6}{24}$ $\boxed{<}$ $\frac{3}{8}$ $\frac{7}{8}$ $\boxed{<}$ $\frac{22}{24}$

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

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

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

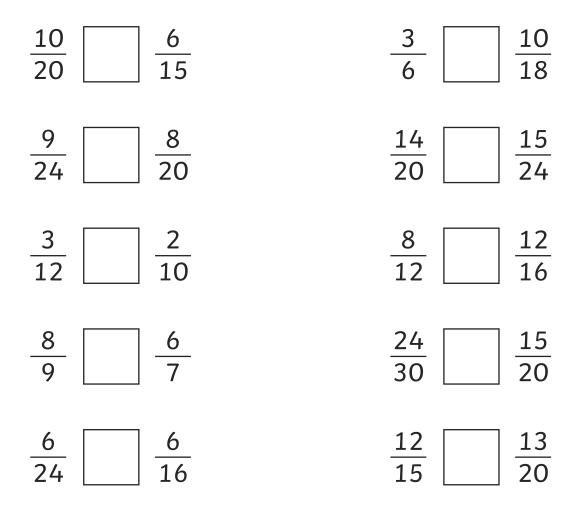Smallest ———————————————————————→ Largest

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.

$\dfrac{10}{20}$ ☐ $\dfrac{6}{15}$ $\dfrac{3}{6}$ ☐ $\dfrac{10}{18}$

$\dfrac{9}{24}$ ☐ $\dfrac{8}{20}$ $\dfrac{14}{20}$ ☐ $\dfrac{15}{24}$

$\dfrac{3}{12}$ ☐ $\dfrac{2}{10}$ $\dfrac{8}{12}$ ☐ $\dfrac{12}{16}$

$\dfrac{8}{9}$ ☐ $\dfrac{6}{7}$ $\dfrac{24}{30}$ ☐ $\dfrac{15}{20}$

$\dfrac{6}{24}$ ☐ $\dfrac{6}{16}$ $\dfrac{12}{15}$ ☐ $\dfrac{13}{20}$

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

$\dfrac{3}{2}$	$\dfrac{7}{4}$	$\dfrac{19}{10}$	$\dfrac{9}{8}$	$\dfrac{13}{8}$	$\dfrac{9}{5}$	$\dfrac{7}{5}$	$\dfrac{17}{10}$

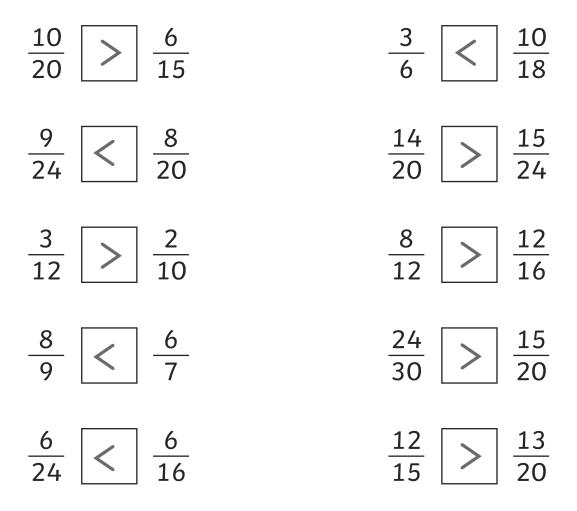|							

Smallest ⟶ Largest

Compare and Order Fractions **Answers**

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.

$$\frac{10}{20} \boxed{>} \frac{6}{15} \qquad\qquad \frac{3}{6} \boxed{<} \frac{10}{18}$$

$$\frac{9}{24} \boxed{<} \frac{8}{20} \qquad\qquad \frac{14}{20} \boxed{>} \frac{15}{24}$$

$$\frac{3}{12} \boxed{>} \frac{2}{10} \qquad\qquad \frac{8}{12} \boxed{>} \frac{12}{16}$$

$$\frac{8}{9} \boxed{<} \frac{6}{7} \qquad\qquad \frac{24}{30} \boxed{>} \frac{15}{20}$$

$$\frac{6}{24} \boxed{<} \frac{6}{16} \qquad\qquad \frac{12}{15} \boxed{>} \frac{13}{20}$$

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

$\frac{3}{2}$	$\frac{7}{4}$	$\frac{19}{10}$	$\frac{9}{8}$	$\frac{13}{8}$	$\frac{9}{5}$	$\frac{7}{5}$	$\frac{17}{10}$

$\frac{9}{8}$	$\frac{7}{5}$	$\frac{3}{2}$	$\frac{13}{8}$	$\frac{17}{10}$	$\frac{7}{4}$	$\frac{9}{5}$	$\frac{19}{10}$

Smallest ⟶ Largest