

QUICK TIP!

Hey Kids! Time for a super fun math lesson, courtesy of Math Madness!

COMPARING FRACTIONS

When two fractions have the same denominator, we can compare them just by comparing the numerators.

If the fractions have different denominators, we need to change them to equivalent fractions with identical denominators.

- Determine a common multiple of the two denominators.
- Convert each fraction to one that has the common multiple as the denominator.
- Compare the numerators to determine which is larger!

$$\frac{1}{4} \text{ and } \frac{2}{5}$$

$$\frac{1}{4} = \frac{1}{4} \times \frac{5}{5} = \frac{5}{20}$$

$$\frac{5}{20} < \frac{8}{20} \text{ therefore } \frac{1}{4} < \frac{2}{5}$$

LCM of 4 and 5 = 20

$$\frac{2}{5} = \frac{2}{5} \times \frac{4}{4} = \frac{8}{20}$$

TRY IT!

Fill in the blanks below with $>$, $<$ or $=$

$$\frac{2}{3} \text{ — } \frac{3}{5}$$

$$\frac{5}{2} \text{ — } \frac{18}{8}$$

$$\frac{2}{10} \text{ — } \frac{4}{15}$$

$$\frac{6}{4} \text{ — } \frac{18}{12}$$

$$\frac{5}{1} \text{ — } \frac{25}{5}$$

$$\frac{3}{30} \text{ — } \frac{1}{3}$$

$$\frac{3}{6} \text{ — } \frac{20}{24}$$

$$\frac{16}{33} \text{ — } \frac{6}{11}$$

$$\frac{70}{44} \text{ — } \frac{5}{4}$$

$$\frac{7}{14} \text{ — } \frac{14}{28}$$

$$\frac{4}{16} \text{ — } \frac{2}{5}$$

$$\frac{8}{3} \text{ — } \frac{15}{7}$$