

Comparing Fractions

Same numerator or denominator:

* When fractions have same denominators, the greater the _____ is, the greater is the fraction.



Examples:

$$\frac{5}{8} \quad \bigcirc \quad \frac{3}{8}$$

$$\frac{1}{7} \quad \bigcirc \quad \frac{4}{7}$$

$$\frac{4}{10} \quad \bigcirc \quad \frac{2}{10}$$

* When fractions have same numerators, the less the _____ is, the greater is the fraction.



Examples:

$$\frac{8}{5} \quad \bigcirc \quad \frac{8}{3}$$

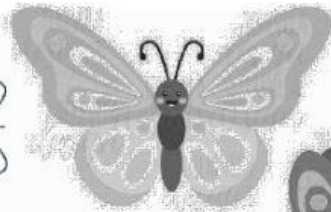
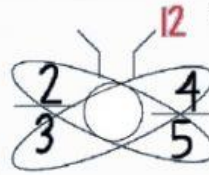
$$\frac{7}{1} \quad \bigcirc \quad \frac{7}{4}$$

$$\frac{10}{4} \quad \bigcirc \quad \frac{10}{2}$$

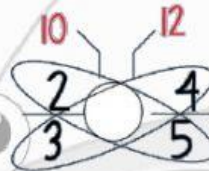
Different numerator or denominator:

To compare $\frac{2}{3}$ and $\frac{4}{5}$:

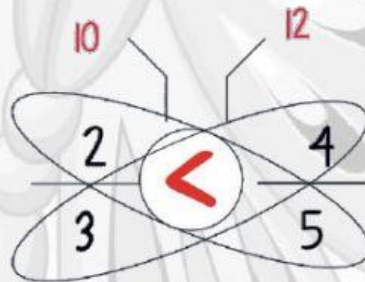
First, cross multiply. $3 \times 4 = 12$
Write 12 beside the antenna.



Next, cross multiply. $5 \times 2 = 10$
Write 10 beside the antenna.



Finally, compare the two numbers at the butterfly's antenna. What is larger, 10 or 12?



Compare.

$$\frac{2}{5} \quad \text{green circle} \quad \frac{8}{10}$$

$$\frac{5}{9} \quad \text{pink circle} \quad \frac{6}{7}$$

$$\frac{7}{11} \quad \text{blue circle} \quad \frac{4}{6}$$

$$\frac{5}{4} \quad \text{yellow circle} \quad \frac{9}{7}$$



Compare.

$$\frac{2}{5} \quad \text{○} \quad \frac{2}{10}$$

$$\frac{7}{9} \quad \text{○} \quad \frac{3}{4}$$

$$\frac{7}{11} \quad \text{○} \quad \frac{9}{11}$$

$$\frac{2}{3} \quad \text{○} \quad \frac{3}{4}$$

Find the missing digit.

$$\frac{3}{7} \quad \text{○} \quad \frac{\quad}{7}$$

$$\frac{2}{6} \quad \text{○} \quad \frac{\quad}{6}$$

$$\frac{5}{\quad} \quad \text{○} \quad 1$$