The Butterfly Method
Comparing Fractions

Cross multiply to find the greater fraction

Use your pencils to draw the butterfly. Then write the product in the antennas as shown in the picture on the left. Then compare using <, > or =.

1.
$$\frac{15}{} \quad \frac{3}{8} < \frac{2}{5} \quad \frac{16}{}$$

2.
$$\frac{4}{9} \bigcirc \frac{5}{11}$$

3.
$$\frac{4}{6} \bigcirc \frac{7}{12}$$

4.
$$\frac{5}{8} \bigcirc \frac{2}{5}$$

5.
$$\frac{3}{4} \bigcirc \frac{5}{6}$$

6.
$$\frac{4}{5} \bigcirc \frac{6}{7}$$
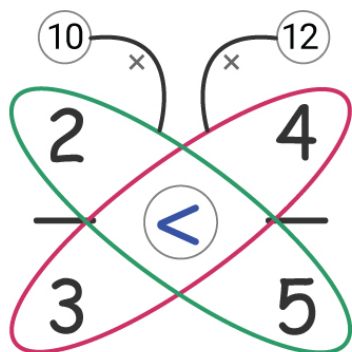
7.
$$\frac{7}{8} \bigcirc \frac{8}{9}$$

8.
$$\frac{4}{6} \bigcirc \frac{2}{3}$$

Name : _____

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Answers

1. $\frac{15}{}$ ... $\frac{16}{}$

   $\frac{3}{8}$ < $\frac{2}{5}$

2. $\frac{44}{}$ ... $\frac{45}{}$

   $\frac{4}{9}$ < $\frac{5}{11}$

3. $\frac{48}{}$ ... $\frac{42}{}$

   $\frac{4}{6}$ > $\frac{7}{12}$

4. $\frac{25}{}$ ... $\frac{16}{}$

   $\frac{5}{8}$ > $\frac{2}{5}$

5. $\frac{18}{}$ ... $\frac{20}{}$

   $\frac{3}{4}$ < $\frac{5}{6}$

6. $\frac{28}{}$ ... $\frac{30}{}$

   $\frac{4}{5}$ < $\frac{6}{7}$

7. $\frac{63}{}$ ... $\frac{64}{}$

   $\frac{7}{8}$ < $\frac{8}{9}$

8. $\frac{12}{}$ ... $\frac{12}{}$

   $\frac{4}{6}$ = $\frac{2}{3}$