

Comparing Fractions

Date _____ Period _____

Write the sign (>, <, or =) that makes the expression true.

1) $\frac{6}{19} ? \frac{7}{19}$

2) $\frac{17}{12} ? \frac{18}{12}$

3) $\frac{6}{13} ? \frac{4}{14}$

4) $\frac{10}{11} ? \frac{8}{9}$

5) $\frac{2}{3} ? \frac{7}{15}$

6) $\frac{19}{11} ? \frac{19}{18}$

7) $\frac{19}{17} ? \frac{18}{17}$

8) $\frac{6}{10} ? \frac{4}{10}$

9) $\frac{20}{13} ? \frac{13}{8}$

10) $\frac{5}{12} ? \frac{15}{18}$

11) $\frac{6}{7} ? \frac{5}{7}$

12) $\frac{16}{14} ? \frac{18}{14}$

13) $\frac{19}{17} ? \frac{16}{13}$

14) $\frac{15}{8} ? \frac{9}{7}$

15) $\frac{2}{8} ? \frac{5}{8}$

16) $\frac{17}{17} ? \frac{19}{17}$

Write the sign (>, <, or =) that makes the expression true.

1) $\frac{6}{19} ? \frac{7}{19}$

Answer: <

2) $\frac{17}{12} ? \frac{18}{12}$

Answer: <

3) $\frac{6}{13} ? \frac{4}{14}$

Answer: >

4) $\frac{10}{11} ? \frac{8}{9}$

Answer: >

5) $\frac{2}{3} ? \frac{7}{15}$

Answer: >

6) $\frac{19}{11} ? \frac{19}{18}$

Answer: >

7) $\frac{19}{17} ? \frac{18}{17}$

Answer: >

8) $\frac{6}{10} ? \frac{4}{10}$

Answer: >

9) $\frac{20}{13} ? \frac{13}{8}$

Answer: <

10) $\frac{5}{12} ? \frac{15}{18}$

Answer: <

11) $\frac{6}{7} ? \frac{5}{7}$

Answer: >

12) $\frac{16}{14} ? \frac{18}{14}$

Answer: <

$$13) \frac{19}{17} ? \frac{16}{13}$$

Answer: <

$$14) \frac{15}{8} ? \frac{9}{7}$$

Answer: >

$$15) \frac{2}{8} ? \frac{5}{8}$$

Answer: <

$$16) \frac{17}{17} ? \frac{19}{17}$$

Answer: <

MathVine - Pre-Algebra

Name _____

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Solution Steps

$$1) \frac{6}{19} ? \frac{7}{19}$$

$$\frac{6}{19} ? \frac{7}{19}$$

$$\frac{6}{19} < \frac{7}{19}$$

$$2) \frac{17}{12} ? \frac{18}{12}$$

$$\frac{17}{12} ? \frac{18}{12}$$

$$\frac{17}{12} < \frac{18}{12}$$

$$3) \frac{6}{13} ? \frac{4}{14}$$

$$\frac{6 * 14}{13 * 14} ? \frac{4 * 13}{14 * 13}$$

$$\frac{84}{182} ? \frac{52}{182}$$

$$\frac{84}{182} > \frac{52}{182}$$

$$4) \frac{10}{11} ? \frac{8}{9}$$

$$\frac{10 * 9}{11 * 9} ? \frac{8 * 11}{9 * 11}$$

$$\frac{90}{99} ? \frac{88}{99}$$

$$\frac{90}{99} > \frac{88}{99}$$

$$5) \frac{2}{3} ? \frac{7}{15}$$

$$\frac{2 * 5}{3 * 5} ? \frac{7 * 1}{7 * 1}$$

$$\frac{10}{15} ? \frac{7}{15}$$

$$\frac{10}{15} > \frac{7}{15}$$

$$6) \frac{19}{11} ? \frac{19}{18}$$

$$\frac{19 * 18}{11 * 18} ? \frac{19 * 11}{18 * 11}$$

$$\frac{342}{198} ? \frac{209}{209}$$

$$\frac{342}{198} > \frac{209}{198}$$

$$7) \frac{19}{17} ? \frac{18}{17}$$

$$\frac{19}{17} ? \frac{18}{17}$$

$$\frac{19}{17} > \frac{18}{17}$$

$$8) \frac{6}{10} ? \frac{4}{10}$$

$$\frac{6}{10} ? \frac{4}{10}$$

$$\frac{6}{10} > \frac{4}{10}$$

$$9) \frac{20}{13} ? \frac{13}{8}$$

$$\frac{20 * 8}{13 * 8} ? \frac{13 * 13}{8 * 13}$$

$$\frac{160}{169} ? \frac{104}{169}$$

$$\frac{160}{169} > \frac{104}{169}$$

$$10) \frac{5}{12} ? \frac{15}{18}$$

$$\frac{5 * 3}{12 * 3} ? \frac{15 * 2}{18 * 2}$$

$$\frac{15}{36} ? \frac{30}{36}$$

$$\frac{15}{36} < \frac{30}{36}$$

$$11) \frac{6}{7} ? \frac{5}{7}$$

$$\frac{6}{7} ? \frac{5}{7}$$

$$\frac{6}{7} > \frac{5}{7}$$

$$12) \frac{16}{14} ? \frac{18}{14}$$

$$\frac{16}{14} ? \frac{18}{14}$$

$$\frac{16}{14} < \frac{18}{14}$$

$$\begin{aligned}
 13) \quad & \frac{19}{17} ? \frac{16}{13} \\
 & \frac{19 * 13}{247} ? \frac{16 * 17}{272} \\
 & \frac{221}{247} ? \frac{221}{272} \\
 & \frac{221}{247} < \frac{221}{272}
 \end{aligned}$$

$$\begin{aligned}
 14) \quad & \frac{15}{8} ? \frac{9}{7} \\
 & \frac{15 * 7}{105} ? \frac{9 * 8}{72} \\
 & \frac{56}{105} ? \frac{56}{72} \\
 & \frac{56}{105} > \frac{56}{72}
 \end{aligned}$$

$$\begin{aligned}
 15) \quad & \frac{2}{8} ? \frac{5}{8} \\
 & \frac{2}{8} ? \frac{5}{8} \\
 & \frac{2}{8} < \frac{5}{8}
 \end{aligned}$$

$$\begin{aligned}
 16) \quad & \frac{17}{17} ? \frac{19}{17} \\
 & \frac{17}{17} ? \frac{19}{17} \\
 & \frac{17}{17} < \frac{19}{17}
 \end{aligned}$$