

Order of fractions

Fraction: Comparison of fraction by doing cross multiplication

Example

$$\frac{3}{2} \text{ and } \frac{4}{3}$$

$$\frac{2}{3} \text{ and } \frac{5}{7}$$

Do cross multiplication

$$\frac{3}{2} \times \frac{4}{3}$$

$$\frac{2}{3} \times \frac{5}{7}$$

$$3 \times 3 \text{ and } 2 \times 4$$

$$2 \times 7 \text{ and } 3 \times 5$$

$$9 \text{ and } 8$$

$$14 \text{ and } 15$$

$$9 > 8$$

$$14 < 15$$

$$\frac{3}{2} > \frac{4}{3}$$

$$\frac{2}{3} < \frac{5}{7}$$

Put the sign of bigger (>) or smaller (<) in between:

1. $\frac{1}{3}$

$$\frac{1}{2}$$

2. $\frac{1}{8}$

$$\frac{1}{6}$$

3. $\frac{1}{2}$

$$\frac{1}{3}$$

4. $\frac{1}{5}$

$$\frac{1}{7}$$

5. $\frac{1}{7}$

$$\frac{1}{5}$$

6. $\frac{1}{2}$

$$\frac{1}{7}$$

7. $\frac{4}{9}$

$$\frac{3}{8}$$

8. $\frac{2}{3}$

$$\frac{2}{5}$$

9. $\frac{3}{5}$

$$\frac{3}{4}$$

10. $\frac{3}{7}$

$$\frac{2}{9}$$

11. $\frac{2}{6}$

$$\frac{3}{4}$$

12. $\frac{2}{7}$

$$\frac{4}{9}$$

Arrange these fractions in order from the smallest one:

1. $\frac{1}{5}, \frac{1}{6}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{8}$

2. $\frac{1}{2}, \frac{1}{4}, \frac{1}{7}, \frac{1}{8}, \frac{1}{3}, \frac{1}{5}$

3. $\frac{2}{5}, \frac{2}{9}, \frac{2}{8}, \frac{2}{7}, \frac{2}{5}, \frac{2}{4}, \frac{2}{3}$

4. $\frac{3}{4}, \frac{3}{5}, \frac{3}{6}, \frac{3}{9}, \frac{3}{7}, \frac{3}{8}$

5. $\frac{5}{3}, \frac{5}{7}, \frac{5}{2}, \frac{5}{4}, \frac{5}{9}, \frac{5}{8}$

6. $\frac{3}{4}, \frac{2}{8}, \frac{3}{9}, \frac{3}{8}, \frac{2}{9}, \frac{3}{7}$

7. $\frac{5}{3}, \frac{5}{7}, \frac{5}{2}, \frac{5}{4}, \frac{5}{9}, \frac{5}{8}$

8. $\frac{3}{4}, \frac{2}{8}, \frac{3}{9}, \frac{3}{8}, \frac{2}{9}, \frac{3}{7}$
