

## Ordering Fractions

Copy down the example shown.

$$\frac{5}{6}$$

$$\frac{11}{13}$$

$$\frac{5 \times 13}{6 \times 13}$$

$$\frac{6 \times 11}{6 \times 13}$$

$$\frac{65}{78}$$

$$\frac{66}{78}$$

$$\frac{5}{6} < \frac{11}{13}$$

Please put these fractions into order. You may use a calculator to help you BUT write down all the steps as shown in the worked example.

1.  $\frac{6}{11}$     $\frac{7}{13}$

2.  $\frac{9}{14}$     $\frac{11}{21}$

3.  $\frac{8}{11}$     $\frac{9}{13}$

4.  $\frac{6}{16}$     $\frac{7}{23}$

5.  $\frac{13}{17}$     $\frac{7}{13}$

6.  $\frac{11}{25}$     $\frac{4}{9}$

7.  $\frac{7}{16}$     $\frac{5}{12}$

8.  $\frac{11}{19}$     $\frac{15}{28}$

9.  $\frac{4}{15}$     $\frac{3}{13}$

10.  $\frac{12}{25}$     $\frac{17}{33}$

11.  $\frac{10}{19}$     $\frac{16}{31}$

12.  $\frac{11}{18}$     $\frac{7}{13}$

13.  $\frac{15}{24}$     $\frac{10}{17}$

14.  $\frac{7}{9}$     $\frac{5}{7}$

15.  $\frac{16}{23}$     $\frac{9}{16}$

16.  $\frac{12}{13}$     $\frac{33}{35}$

## Challenge Questions

Worked Example (Copy this down please)

$$\frac{2}{3} \qquad \frac{5}{6} \qquad \frac{5}{9}$$

$$\frac{2 \times 6 \times 9}{3 \times 6 \times 9} \qquad \frac{3 \times 5 \times 9}{3 \times 6 \times 9} \qquad \frac{3 \times 6 \times 5}{3 \times 6 \times 9}$$

$$\frac{108}{162} \qquad \frac{135}{162} \qquad \frac{90}{162}$$

$$\frac{90}{162} < \frac{108}{162} < \frac{135}{162}$$

$$\frac{5}{9} < \frac{2}{3} < \frac{5}{6}$$

Please put these fractions into order. You may use a calculator to help you BUT *write down all the steps as shown in the worked example.*

1.  $\frac{6}{11}$   $\frac{7}{13}$   $\frac{15}{24}$

2.  $\frac{4}{7}$   $\frac{11}{21}$   $\frac{9}{15}$

3.  $\frac{8}{11}$   $\frac{9}{13}$   $\frac{2}{3}$

4.  $\frac{6}{16}$   $\frac{7}{23}$   $\frac{13}{25}$

5.  $\frac{13}{17}$   $\frac{7}{13}$   $\frac{8}{15}$

6.  $\frac{11}{25}$   $\frac{4}{9}$   $\frac{5}{11}$

7.  $\frac{8}{19}$   $\frac{5}{12}$   $\frac{7}{15}$

8.  $\frac{11}{19}$   $\frac{15}{28}$   $\frac{9}{17}$

## Super Challenge Question

$$\frac{3}{7} \qquad \frac{8}{13} \qquad \frac{5}{11} \qquad \frac{4}{9} \qquad \frac{7}{19}$$