



# Ordering Fractions



← REVISE THIS TOPIC

1 Here are four fractions.

$$\frac{1}{2} \quad \frac{3}{4} \quad \frac{3}{5} \quad \frac{13}{20}$$



Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$$\frac{10}{20} \quad \frac{15}{20} \quad \frac{12}{20} \quad \frac{13}{20}$$

Answer  $\frac{1}{2}, \frac{3}{5}, \frac{13}{20}, \frac{3}{4}$

2 Here are four fractions.

$$\frac{3}{8} \quad \frac{1}{4} \quad \frac{2}{5} \quad \frac{7}{20}$$



Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$$\frac{15}{40} \quad \frac{10}{40} \quad \frac{16}{40} \quad \frac{14}{40}$$

Answer  $\frac{1}{4}, \frac{7}{20}, \frac{3}{8}, \frac{2}{5}$

3 Here are four fractions.

$$\frac{3}{4} \quad \frac{2}{3} \quad \frac{1}{6} \quad \frac{11}{12}$$



Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$$\frac{9}{12} \quad \frac{8}{12} \quad \frac{2}{12} \quad \frac{11}{12}$$

Answer  $\frac{1}{6}, \frac{2}{3}, \frac{3}{4}, \frac{11}{12}$





4 Here are four fractions.



$\frac{4}{9}$

$\frac{1}{2}$

$\frac{1}{6}$

$\frac{1}{3}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$$\frac{8}{18} \quad \frac{9}{18} \quad \frac{3}{18} \quad \frac{6}{18}$$

Answer  $\frac{1}{6}, \frac{1}{3}, \frac{1}{2}, \frac{4}{9}$

5 Here are four fractions.



$\frac{5}{6}$

$\frac{5}{8}$

$\frac{3}{4}$

$\frac{7}{12}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$$\frac{20}{24} \quad \frac{15}{24} \quad \frac{18}{24} \quad \frac{14}{24}$$

Answer  $\frac{7}{12}, \frac{5}{8}, \frac{3}{4}, \frac{5}{6}$

6 Here are four fractions.



$\frac{3}{4}$

$\frac{4}{5}$

$\frac{7}{10}$

$\frac{17}{25}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$$\frac{75}{100} \quad \frac{80}{100} \quad \frac{70}{100} \quad \frac{68}{100}$$

Answer  $\frac{17}{25}, \frac{7}{10}, \frac{3}{4}, \frac{4}{5}$





7 Here are four fractions.



$\frac{2}{3}$

$\frac{1}{2}$

$\frac{5}{9}$

$\frac{5}{8}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

0.666...

0.5

0.555...

0.625...

Answer

$\frac{1}{2}, \frac{5}{9}, \frac{5}{8}, \frac{2}{3}$

8 Here are four fractions.



$\frac{11}{18}$

$\frac{3}{5}$

$\frac{8}{15}$

$\frac{7}{12}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

0.6111...

0.6

0.5333...

0.5833...

Answer

$\frac{8}{15}, \frac{7}{12}, \frac{3}{5}, \frac{11}{18}$

9 Here are four fractions.



$\frac{2}{9}$

$\frac{1}{4}$

$\frac{3}{10}$

$\frac{11}{40}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

0.222...

0.25

0.3

0.275

Answer

$\frac{2}{9}, \frac{1}{4}, \frac{11}{40}, \frac{3}{10}$





10 Here are four fractions.



$\frac{8}{9}$

$\frac{7}{8}$

$\frac{13}{16}$

$\frac{8}{10}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$0.888\dots$

$0.875$

$0.8125$

$0.8$

Answer

$\frac{8}{10}, \frac{13}{16}, \frac{7}{8}, \frac{8}{9}$

11 Here are four fractions.



$\frac{3}{4}$

$\frac{11}{15}$

$\frac{7}{10}$

$\frac{11}{14}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$0.75$

$0.7333\dots$

$0.7$

$0.7857\dots$

Answer

$\frac{7}{10}, \frac{11}{15}, \frac{3}{4}, \frac{11}{14}$

12 Here are four fractions.



$\frac{1}{3}$

$\frac{3}{10}$

$\frac{7}{22}$

$\frac{19}{50}$

Write these fractions in order of size.  
Start with the smallest fraction.

[2 marks]

$0.333\dots$

$0.3$

$0.31818\dots$

$0.38$

Answer

$\frac{3}{10}, \frac{7}{22}, \frac{1}{3}, \frac{19}{50}$

