

## Comparing Fractions

Which of each pair of fractions is bigger?  
Show your working.

- (a)  $\frac{7}{20}$  or  $\frac{2}{5}$       (b)  $\frac{3}{4}$  or  $\frac{19}{24}$   
(c)  $\frac{3}{10}$  or  $\frac{1}{6}$       (d)  $\frac{7}{12}$  or  $\frac{13}{20}$

$$(a) \frac{7}{20} < \frac{2}{5} \quad (b) \frac{3}{4} < \frac{19}{24}$$

$$(c) \frac{3}{10} > \frac{1}{6} \quad (d) \frac{7}{12} < \frac{13}{20}$$

Put these fractions in order, smallest to biggest. Show your working.

- (a)  $\frac{3}{4}, \frac{1}{2}, \frac{3}{8}, \frac{2}{3}$   
(b)  $\frac{13}{20}, \frac{3}{4}, \frac{18}{25}, \frac{4}{5}$   
(c)  $\frac{5}{6}, \frac{3}{4}, \frac{7}{12}, \frac{2}{3}$   
(d)  $\frac{9}{16}, \frac{1}{2}, \frac{5}{8}, \frac{17}{32}$

$$(a) \frac{3}{8}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}$$

$$(b) \frac{13}{20}, \frac{18}{25}, \frac{3}{4}, \frac{4}{5}$$

$$(c) \frac{7}{12}, \frac{2}{3}, \frac{3}{4}, \frac{5}{6}$$

$$(d) \frac{1}{2}, \frac{17}{32}, \frac{9}{16}, \frac{5}{8}$$

In the Olympics, Great Britain won 12 gold medals out of a total of 30, and Russia won 19 gold medals out of a total of 40. Who won the greater proportion of medals?

$$\frac{19}{40} > \frac{12}{30} \quad \text{RUSSIA}$$

Henry scored 14 out of 20 in his English test and 38 out of 50 in his Maths test. In which test did he do better?

$$\frac{38}{50} > \frac{14}{20} \quad \text{Maths}$$

Bag A contains 9 red balls and 15 blue balls. Bag B contains 7 red balls and 13 blue balls. Which bag has the greater fraction of red balls?

$$\frac{9}{24} > \frac{7}{20} \quad \text{Bag A}$$