

Page 31 — Comparing Fractions

- 1) Make equivalent fractions with the same denominator:

E.g. $\frac{3}{8} = \frac{6}{16}$, $\frac{7}{10} = \frac{14}{20}$ and

$\frac{7}{12} = \frac{21}{36}$. So $\frac{7}{16}$, $\frac{7}{10}$ and $\frac{25}{36}$

should be circled.

(2 marks for all three correct.

Otherwise 1 mark for two

correct.)

- 2) Make equivalent fractions with the same denominator:

E.g. $\frac{3}{5} = \frac{6}{10}$, $\frac{1}{2} = \frac{5}{10}$ and $\frac{7}{10}$.

So the order is: $\frac{1}{2}$, $\frac{3}{5}$, $\frac{7}{10}$

(1 mark)

- 3) Make equivalent fractions with the same denominator:

E.g. $\frac{7}{4} = \frac{42}{24}$, $\frac{5}{12} = \frac{10}{24}$,

$\frac{9}{8} = \frac{27}{24}$ and $\frac{5}{6} = \frac{20}{24}$.

So the order is: $\frac{7}{4}$, $\frac{9}{8}$, $\frac{5}{6}$, $\frac{5}{12}$

(2 marks for the correct order.

Otherwise 1 mark for finding

equivalent fractions.)

- 4) $\frac{3}{4} = \frac{12}{16}$, so $\frac{3}{4} > \frac{11}{16}$ (1 mark)

$\frac{5}{6} = \frac{15}{18}$, so $\frac{5}{6} < \frac{16}{18}$ (1 mark)

- 5) Make equivalent fractions with the same denominator:

E.g. $\frac{3}{4} = \frac{9}{12}$, $\frac{10}{24} = \frac{5}{12}$, $\frac{5}{6} = \frac{10}{12}$,

$\frac{7}{4} = \frac{21}{12}$ and $\frac{15}{36} = \frac{5}{12}$.

So $\frac{10}{24}$ and $\frac{15}{36}$ should be

circled. (1 mark)