

 **Mastery Checkpoint****Have you mastered simplifying and comparing fractions?**

- a) Write at least four fractions that are equivalent to $\frac{1}{2}$. How can you be sure they are all equivalent?
- b) Write these fractions in their simplest form:
- $\frac{3}{12}$ $\frac{8}{10}$ $\frac{18}{24}$ $\frac{20}{30}$ $\frac{12}{20}$
- c) Which three of these are equal to $\frac{1}{3}$? $\frac{3}{9}$ $\frac{5}{16}$ $\frac{2}{6}$ $\frac{4}{12}$ $\frac{7}{18}$
- d) How can you check your answers?

**Champions' Challenge**

- Look at your answers to question (c). Use your answers to write three fractions which are equivalent to $\frac{2}{3}$.
- In the pairs below, which is the largest fraction? How can you use the idea of equivalent fractions to explain your answers?

$\frac{12}{20}$ or $\frac{4}{5}$

$\frac{6}{16}$ or $\frac{1}{4}$

$\frac{11}{12}$ or $\frac{5}{6}$

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

$\frac{1}{6}$ or $\frac{2}{9}$