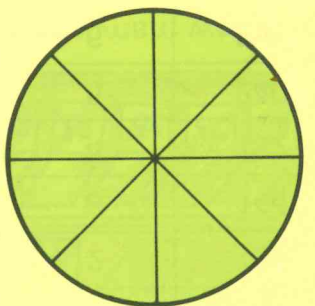
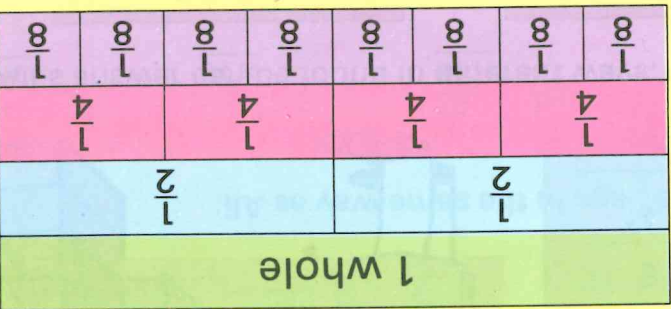


Ordering fractions



- 1 Use the diagram to answer the following.
- Which is greater:
- (a) 1 eighth or 3 eighths
 - (b) 4 eighths or 7 eighths
 - (c) $\frac{5}{8}$ or $\frac{2}{8}$
 - (d) $\frac{3}{8}$ or $\frac{6}{8}$
 - (e) $\frac{8}{8}$ or $\frac{7}{8}$



- 2 Which is greater:
- (a) 1 half ($\frac{1}{2}$) or 3 quarters ($\frac{3}{4}$)
 - (b) 2 quarters ($\frac{2}{4}$) or 2 eighths ($\frac{2}{8}$)
 - (c) 1 half ($\frac{1}{2}$) or 5 eighths ($\frac{5}{8}$)
 - (d) 3 quarters ($\frac{3}{4}$) or 7 eighths ($\frac{7}{8}$)

To compare fractions make the denominators the same.

Which is greater $\frac{4}{3}$ or $\frac{8}{6}$?

$\frac{4}{3} = \frac{8}{6}$

$\frac{4}{3}$ is greater than $\frac{8}{6}$

- 3 For each pair of fractions, write the greater one:
- (a) $\frac{1}{2}$ or $\frac{10}{7}$
 - (b) $\frac{5}{2}$ or $\frac{10}{3}$
 - (c) $\frac{3}{2}$ or $\frac{6}{5}$
 - (d) $\frac{4}{3}$ or $\frac{12}{8}$

- 4 Write true or false for each of these:
- (a) $\frac{1}{2}$ is equal to $\frac{8}{4}$
 - (b) $\frac{2}{1}$ is equal to $\frac{6}{4}$
 - (c) $\frac{1}{2}$ is less than $\frac{4}{3}$
 - (d) $\frac{1}{2}$ is less than $\frac{5}{6}$
 - (e) $\frac{1}{2}$ is less than $\frac{10}{5}$
 - (f) $\frac{1}{2}$ is greater than $\frac{12}{7}$

- 5 For each set of fractions write the fractions less than $\frac{1}{2}$:
- (a) $\frac{6}{6}, \frac{6}{5}, \frac{1}{6}, \frac{6}{2}$
 - (b) $\frac{1}{8}, \frac{3}{8}, \frac{6}{8}, \frac{8}{2}$
 - (c) $\frac{10}{5}, \frac{9}{9}, \frac{10}{3}, \frac{10}{7}$

- 6 By changing these fractions to twelfths write them in order starting with the smallest:
- (a) $\frac{1}{2}, \frac{3}{4}, \frac{1}{3}, \frac{5}{6}$
 - (b) $\frac{1}{2}, \frac{1}{4}, \frac{12}{2}, \frac{6}{4}$
 - (c) $\frac{1}{6}, \frac{3}{2}, \frac{4}{2}, \frac{6}{2}$

- 7 Write true or false for each of these:
- (a) $\frac{8}{8}$ is less than $\frac{1}{4}$
 - (b) $\frac{4}{3}$ is greater than $\frac{12}{7}$
 - (c) $\frac{10}{5}$ is greater than $\frac{5}{5}$



Ask your teacher what to do next.