

Each set of fractions has been ordered from smallest to largest.

Spot the incorrect fraction in each sequence.

$$\frac{1}{9} \quad \frac{2}{9} \quad \frac{6}{7} \quad \frac{4}{8} \quad \frac{10}{10}$$

$$\frac{1}{7} \quad \frac{6}{9} \quad \frac{2}{7} \quad \frac{2}{4} \quad \frac{7}{7}$$

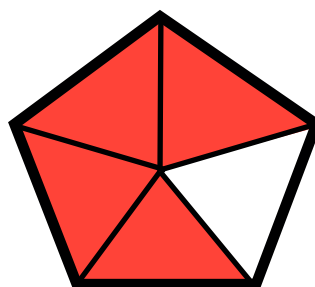
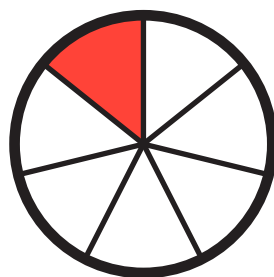
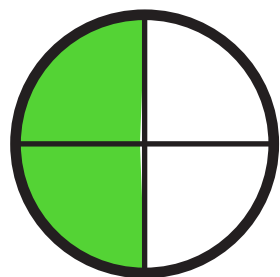
Use the benchmark of $\frac{1}{2}$ to compare these fractions using $<$, $>$ or $=$:

$$\frac{3}{9} \square \frac{6}{7}$$

$$\frac{6}{9} \square \frac{5}{10}$$

$$\frac{4}{9} \square \frac{3}{5}$$

Order these fractions from the largest to the smallest:



$\frac{1}{3}$ must be smaller than $\frac{3}{9}$ as the numerator and denominator are smaller.

True or false? Use a diagram to explain your thinking.