Write the fractions in descending order.

a) $\frac{8}{3}, \frac{4}{5}, \frac{8}{15}, \frac{8}{2}, \frac{16}{8}$

$\frac{8}{2}$ $\frac{8}{3}$ $\frac{16}{8}$ $\frac{4}{5}$ $\frac{8}{15}$

b) $\frac{7}{3}, \frac{12}{9}, \frac{15}{9}, \frac{15}{6}, \frac{7}{9}$

$\frac{15}{6}$ $\frac{7}{3}$ $\frac{15}{9}$ $\frac{12}{9}$ $\frac{7}{9}$

c) $\frac{14}{5}, \frac{17}{10}, \frac{27}{10}, \frac{3}{1}, \frac{42}{20}$

$\frac{3}{1}$ $\frac{14}{5}$ $\frac{27}{10}$ $\frac{42}{20}$ $\frac{17}{10}$

Find three possible ways to complete each statement.

a) $\frac{1}{4} < \frac{\boxed{2}}{4} < \frac{9}{8}$

$\frac{1}{4} < \frac{\boxed{3}}{4} < \frac{9}{8}$

$\frac{1}{4} < \frac{\boxed{4}}{4} < \frac{9}{8}$

b) $\frac{1}{4} < \frac{\boxed{4}}{15} < \frac{7}{15}$

$\frac{1}{4} < \frac{\boxed{5}}{15} < \frac{7}{15}$

$\frac{1}{4} < \frac{\boxed{6}}{15} < \frac{7}{15}$

c) $\frac{4}{5} < \frac{8}{\boxed{8}} < \frac{8}{4}$

$\frac{4}{5} < \frac{8}{\boxed{7}} < \frac{8}{4}$

$\frac{4}{5} < \frac{8}{\boxed{6}} < \frac{8}{4}$

Alex and Dora each have two identical cakes.

Alex cuts each of her cakes into 6 equal pieces and gives 10 of her friends a piece each.

Dora cuts each of her cakes into 12 equal pieces and gives 18 of her friends a piece each.

Who has more cake left?

Dora has more cake left.

The greater the numerator, the greater the fraction.

Give at least three examples to show that the statement is not correct.

Various answers e.g. $\frac{3}{17} < \frac{1}{2}$