

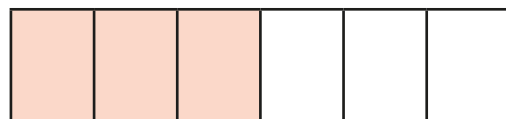
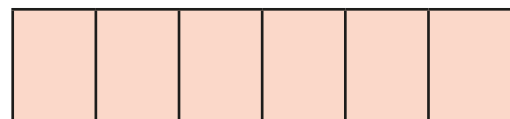
# Compare and order fractions greater than 1



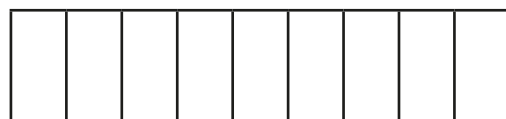
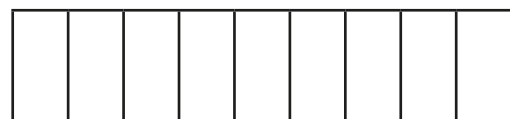
1 Write  $<$ ,  $>$  or  $=$  to compare the fractions.

Use the bar models to help you.

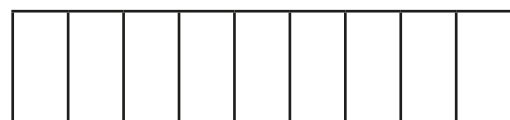
a)  $\frac{5}{3}$    $\frac{9}{6}$



b)  $\frac{5}{3}$    $\frac{15}{9}$



c)  $\frac{4}{3}$    $\frac{13}{9}$



2 Write  $<$ ,  $>$  or  $=$  to compare the fractions.

a)  $\frac{7}{4}$    $\frac{12}{8}$

d)  $\frac{10}{6}$    $\frac{5}{3}$

g)  $\frac{18}{8}$    $\frac{32}{16}$

b)  $\frac{7}{4}$    $\frac{22}{12}$

e)  $\frac{10}{6}$    $\frac{5}{2}$

h)  $\frac{18}{8}$    $\frac{9}{4}$

c)  $\frac{22}{12}$    $\frac{10}{6}$

f)  $\frac{5}{2}$    $\frac{18}{8}$

i)  $\frac{9}{4}$    $\frac{18}{2}$

3 Filip has  $3\frac{3}{16}$  bottles of juice.

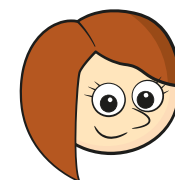
Scott has  $3\frac{1}{4}$  bottles of juice.

Who has more juice?

\_\_\_\_\_ has more juice.

4 Rosie's ribbon is  $\frac{7}{4}$  metres long.

Teddy's ribbon is  $\frac{7}{8}$  metres long.



Our ribbons are the same length.

Explain why Rosie is wrong.

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5 Write the fractions in descending order.

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

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

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

6 Find three possible ways to complete each statement.

a)  $\frac{1}{4} < \frac{\boxed{\phantom{000}}}{4} < \frac{9}{8}$

$\frac{1}{4} < \frac{\boxed{\phantom{000}}}{4} < \frac{9}{8}$

$\frac{1}{4} < \frac{\boxed{\phantom{000}}}{4} < \frac{9}{8}$

c)  $\frac{4}{5} < \frac{8}{\boxed{\phantom{000}}} < \frac{8}{4}$

$\frac{4}{5} < \frac{8}{\boxed{\phantom{000}}} < \frac{8}{4}$

$\frac{4}{5} < \frac{8}{\boxed{\phantom{000}}} < \frac{8}{4}$

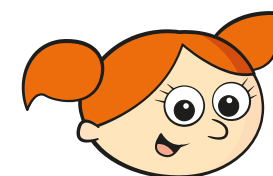
b)  $\frac{1}{4} < \frac{\boxed{\phantom{000}}}{15} < \frac{7}{15}$

$\frac{1}{4} < \frac{\boxed{\phantom{000}}}{15} < \frac{7}{15}$

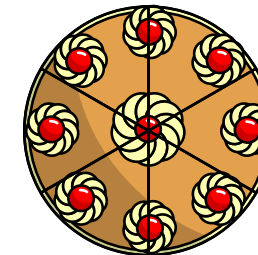
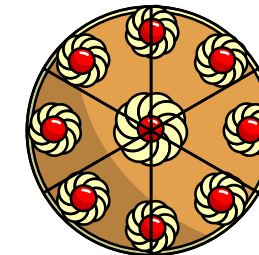
$\frac{1}{4} < \frac{\boxed{\phantom{000}}}{15} < \frac{7}{15}$

7 Alex and Dora each have two identical cakes.

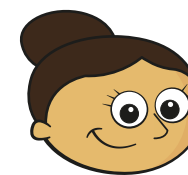
Alex cuts each of her cakes into 6 equal pieces and gives 10 of her friends a piece each.



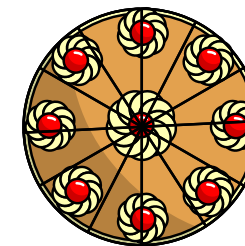
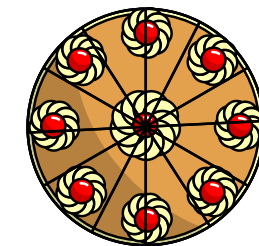
Alex



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



Dora



Who has more cake left?

\_\_\_\_\_ has more cake left.

8 The greater the numerator, the greater the fraction.

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

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