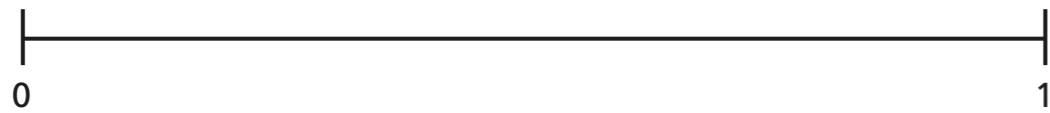


# Fractions on a number line

1 Draw an arrow to show the fractions on the number lines.

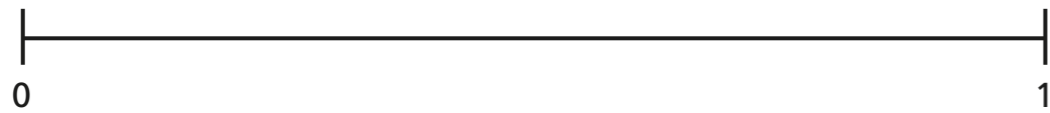
a)  $\frac{1}{2}$



b)  $\frac{1}{3}$



c)  $\frac{1}{4}$



Are your answers accurate or are they estimates?



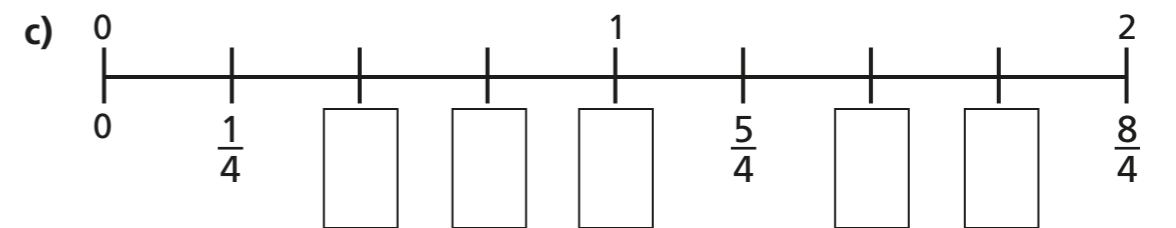
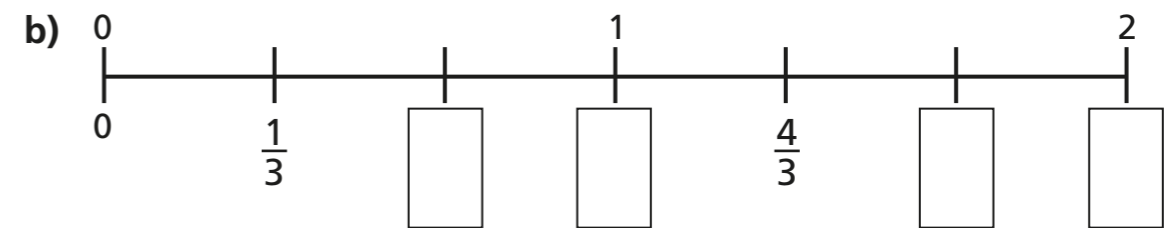
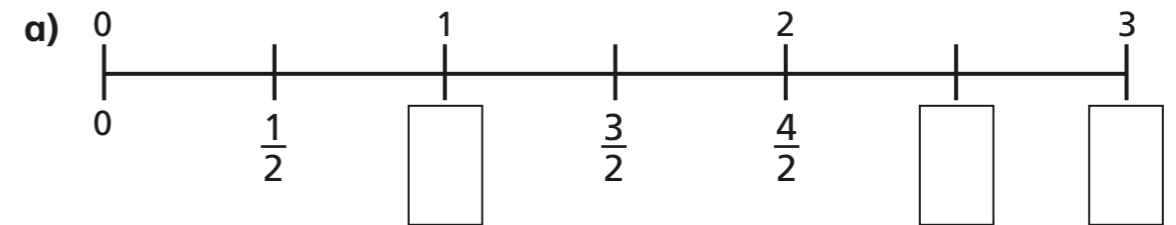
2 Write  $<$ ,  $>$  or  $=$  to compare the fractions.

a)  $\frac{1}{2}$  ○  $\frac{1}{4}$

b)  $\frac{1}{4}$  ○  $\frac{1}{3}$

c)  $\frac{1}{3}$  ○  $\frac{1}{2}$

3 Write the missing fractions on the number lines.



d) Write three fractions that are equivalent to one whole.  
Use the number lines to help you.

What do you notice?

\_\_\_\_\_

\_\_\_\_\_

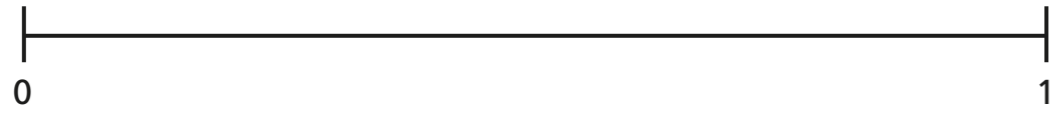
Talk about it with a partner.



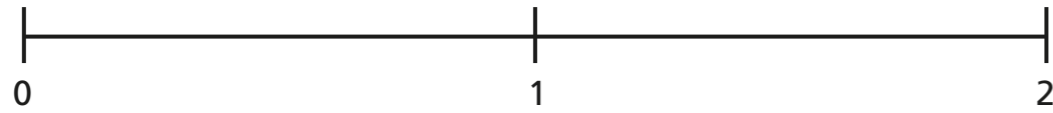


4 Draw an arrow to estimate where each fraction belongs on the number line.

a)  $\frac{3}{4}$



b) 1 and  $\frac{2}{3}$



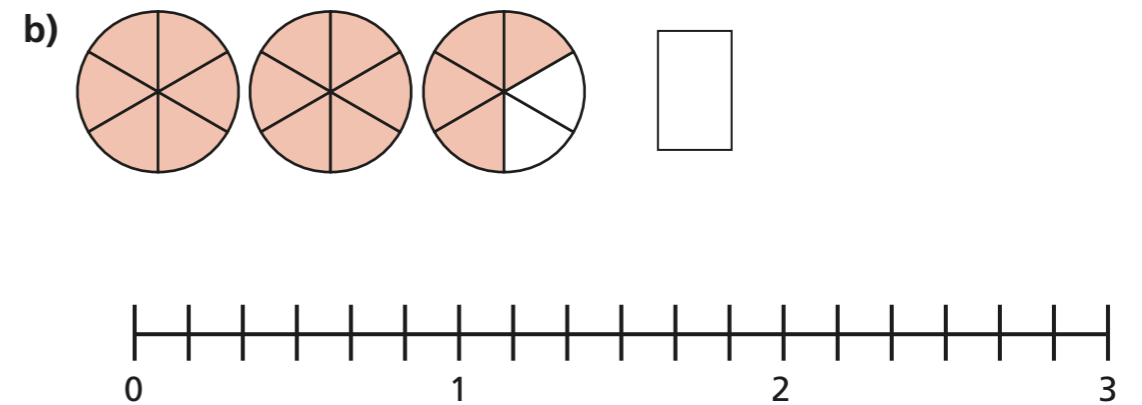
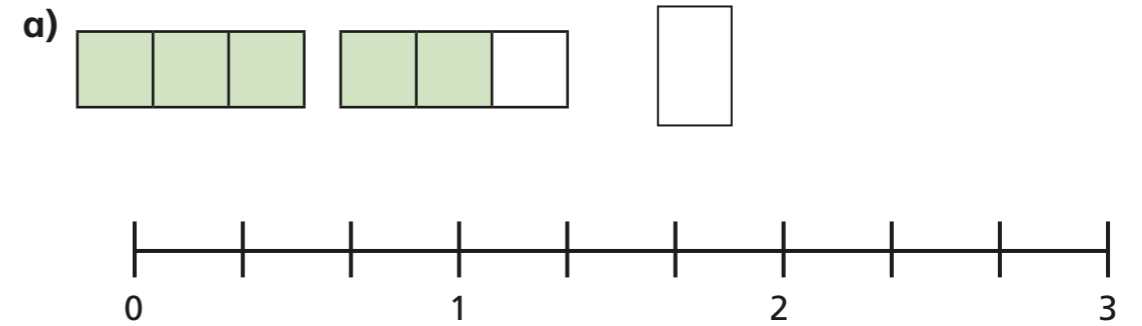
5 Write each fraction under the correct heading.

$\frac{2}{3}$	$\frac{4}{4}$	$\frac{5}{3}$	$\frac{1}{8}$	$\frac{3}{3}$
$\frac{3}{4}$	$\frac{7}{4}$	$\frac{8}{8}$	$\frac{7}{8}$	

Less than one whole	Equal to one whole	More than one whole



6 What fraction is shown in each diagram?  
Draw an arrow to show the fraction on the number line.



7



One eighth is greater than one quarter.

Do you agree with Teddy? \_\_\_\_\_

Use the number line to show why.

