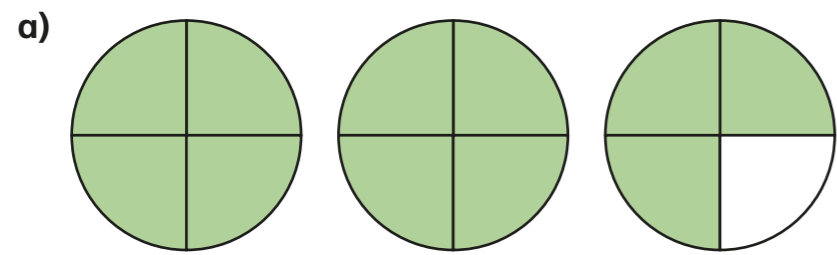
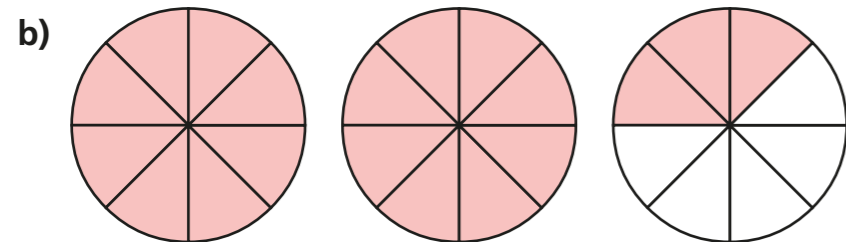


# Mixed numbers to improper fractions

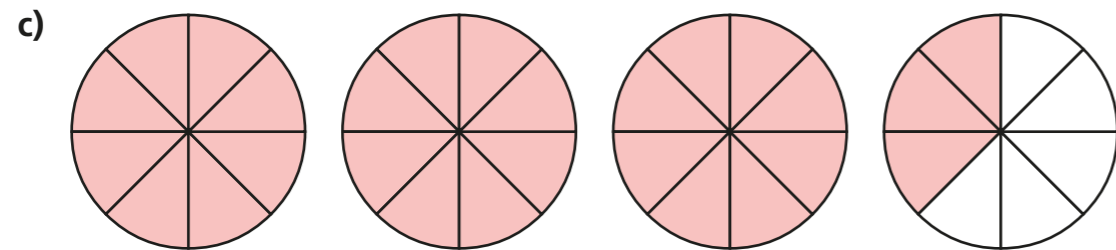
1 Convert the mixed numbers to improper fractions.



$$2\frac{3}{4} = \frac{\quad}{4}$$



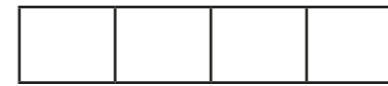
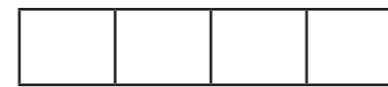
$$2\frac{3}{8} = \frac{\quad}{8}$$



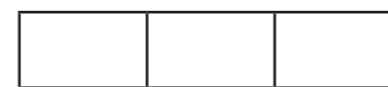
$$3\frac{3}{8} = \frac{\quad}{8}$$

2 Convert the mixed numbers to improper fractions.

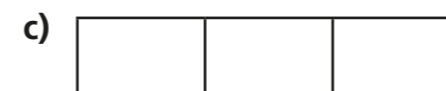
Colour the bar models to help you.



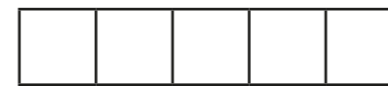
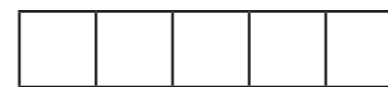
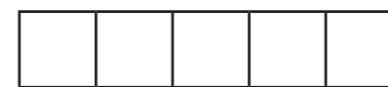
$$2\frac{1}{4} = \boxed{\quad}$$



$$2\frac{1}{3} = \boxed{\quad}$$



$$3\frac{1}{3} = \boxed{\quad}$$



$$3\frac{2}{5} = \boxed{\quad}$$



3 Convert the mixed numbers to improper fractions.

Write the next conversion in each part.

a)  $2\frac{1}{7} = \square$

$2\frac{2}{7} = \square$

$2\frac{3}{7} = \square$

$\square = \square$

c)  $5\frac{1}{2} = \square$

$5\frac{1}{4} = \square$

$5\frac{1}{8} = \square$

$\square = \square$

b)  $3\frac{1}{5} = \square$

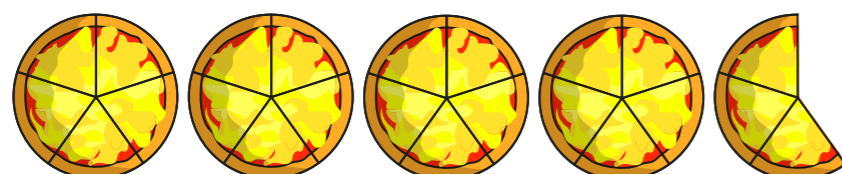
$4\frac{1}{5} = \square$

$5\frac{1}{5} = \square$

$\square = \square$

Talk to a partner about any patterns you spot.

4 Here are 4 whole pizzas and  $\frac{3}{5}$  of a pizza.



How many children can have  $\frac{1}{5}$  of a pizza?

5 Whitney is converting mixed numbers to improper fractions.



$4\frac{1}{7} = \frac{28}{7}$

Do you agree with Whitney? \_\_\_\_\_

Explain your answer.

\_\_\_\_\_  
\_\_\_\_\_

6

$\text{circle} \frac{3}{5} = \text{triangle} \frac{1}{5}$

The table shows some possible values of the circle.

Use this to find the corresponding value of the triangle.

●	▲
1	
2	
4	
8	
16	
	88
	803