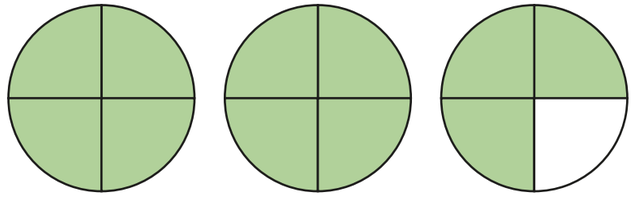
Mixed numbers to improper fractions

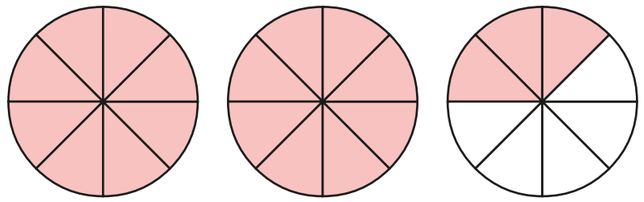
1 Convert the mixed numbers to improper fractions.

a)



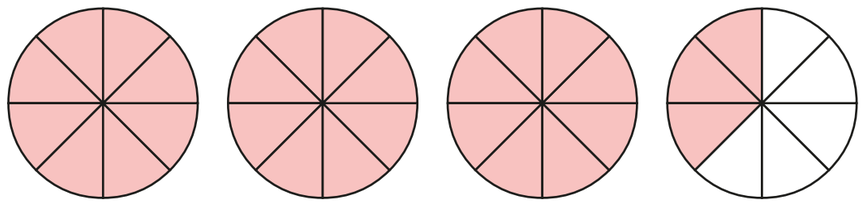
$2\frac{3}{4} = \frac{\square}{4}$

b)



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

c)

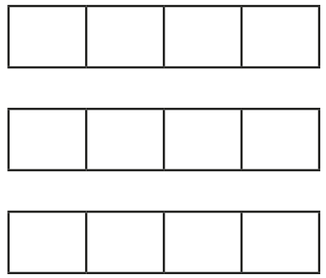


$3\frac{3}{8} = \frac{\square}{8}$

2 Convert the mixed numbers to improper fractions.

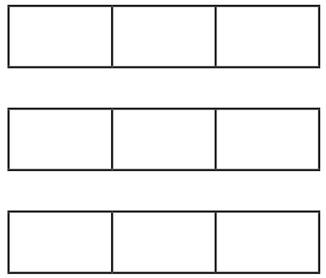
Colour the bar models to help you.

a)



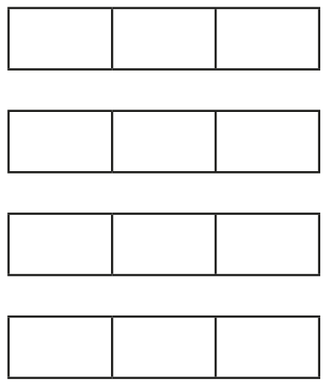
$2\frac{1}{4} = \square$

b)



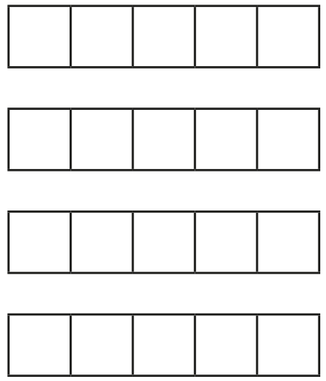
$2\frac{1}{3} = \square$

c)



$3\frac{1}{3} = \square$

d)



$3\frac{2}{5} = \square$

3 Convert the mixed numbers to improper fractions.

Write the next conversion in each part.

a)

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

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

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

$\square = \square$

b)

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

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

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

$\square = \square$

c)

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

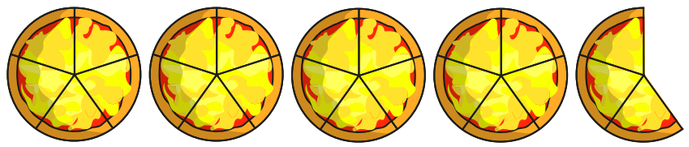
$5\frac{1}{4} = \square$

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

$\square = \square$

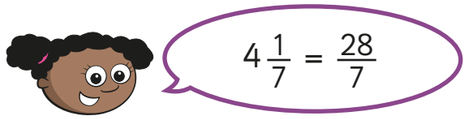
Talk to a partner about any patterns you spot.

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



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

5 Whitney is converting mixed numbers to improper fractions.



Do you agree with Whitney? _____

Explain your answer.

_____

_____

6

$\bigcirc \frac{3}{5} = \frac{\triangle}{5}$

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