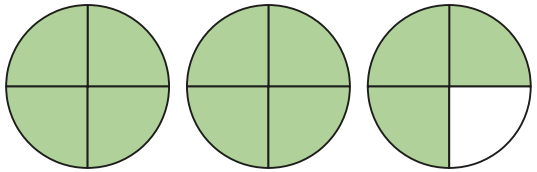
Mixed numbers to improper fractions

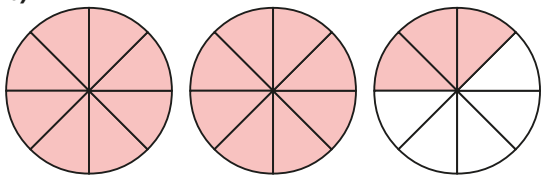
1 Convert the mixed numbers to improper fractions.

a)



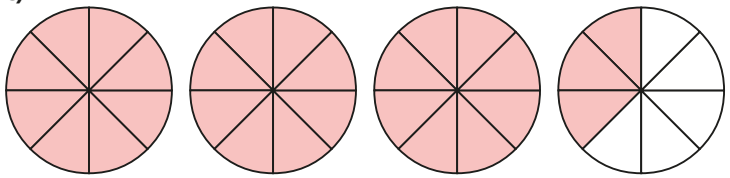
$2\frac{3}{4} = \frac{\square}{4}$

b)



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

c)



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

2 Convert the mixed numbers to improper fractions.

Use bar models to help you.

a) $2\frac{1}{4}$ **b)** $2\frac{1}{3}$ **c)** $3\frac{1}{3}$ **d)** $3\frac{2}{5}$

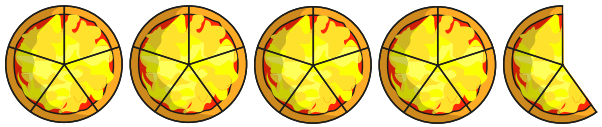
3 Convert the mixed numbers to improper fractions.

Write the next conversion in each part.

a) $2\frac{1}{7}$	**b)** $3\frac{1}{5}$	**c)** $5\frac{1}{2}$
$2\frac{2}{7}$	$4\frac{1}{5}$	$5\frac{1}{4}$
$2\frac{3}{7}$	$5\frac{1}{5}$	$5\frac{1}{8}$

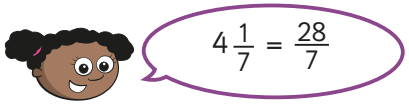
Talk to a partner about any patterns you spot.

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.



Do you agree with Whitney?

Explain your answer.

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3 Convert the mixed numbers to improper fractions.

Write the next conversion in each part.

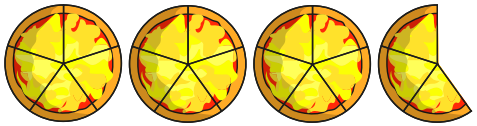
a) $2\frac{1}{7}$ **b)** $3\frac{1}{5}$ **c)** $5\frac{1}{2}$

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

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

Talk to a partner about any patterns you spot.

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



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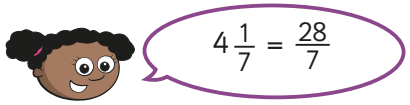

Do you agree with Whitney?

Explain your answer.

6

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

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