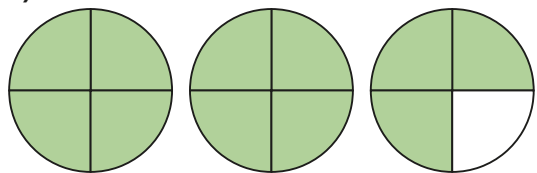


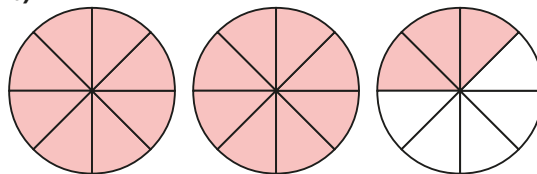
1 Convert the mixed numbers to improper fractions.

a)



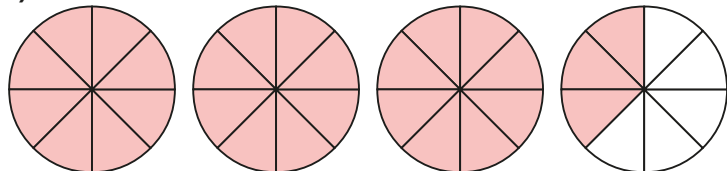
$$2\frac{3}{4} = \frac{\quad}{4}$$

b)



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

c)



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

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.

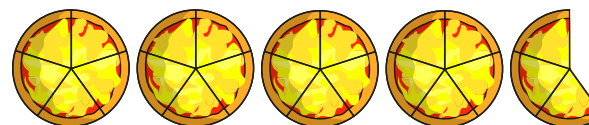
a)  $2\frac{1}{7}$                       b)  $3\frac{1}{5}$                       c)  $5\frac{1}{2}$

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

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

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.



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

Do you agree with Whitney?

Explain your answer.



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)  $5\frac{1}{2}$

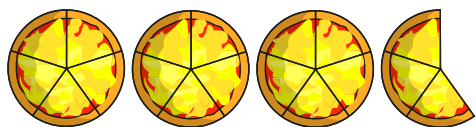
$2\frac{2}{7}$        $4\frac{1}{5}$        $5\frac{1}{4}$

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

Talk to a partner about any patterns you spot.



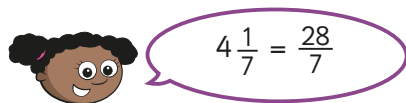
4 Here are 4 whole pizzas and  $\frac{3}{5}$  of a pizza.



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.

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.

circle	triangle
1	
2	
4	
8	
16	
	88
	803

