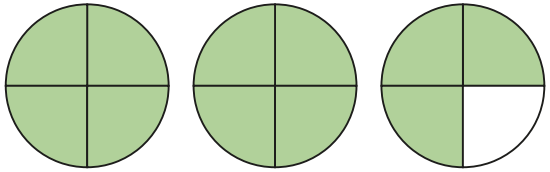
Convert mixed numbers to improper fractions

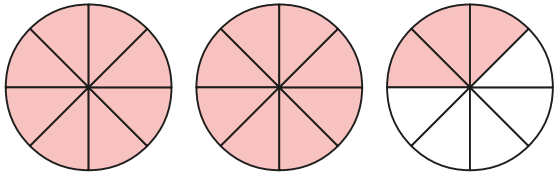
1 Convert the mixed numbers to improper fractions.

a)



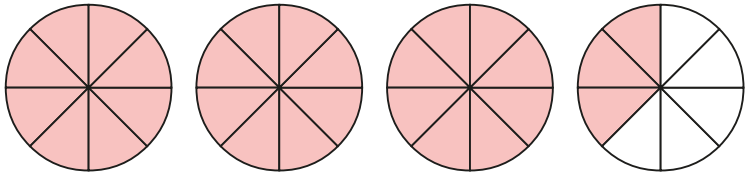
$2\frac{3}{4} = \frac{\square}{4}$

b)



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

c)



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

2 Convert the mixed numbers to improper fractions.

Draw 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) $2\frac{1}{7}$ $2\frac{2}{7}$ $2\frac{3}{7}$

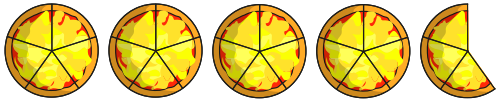
b) $3\frac{1}{5}$ $4\frac{1}{5}$ $5\frac{1}{5}$

c) $5\frac{1}{2}$ $5\frac{1}{4}$ $5\frac{1}{8}$

d) $9\frac{7}{10}$ $8\frac{7}{10}$ $7\frac{7}{10}$

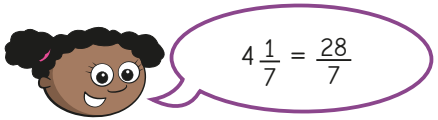
Talk to a partner about any patterns you spot.

4 Here are some pizzas cut into fifths.



How many fifths are there?

5 Whitney is converting mixed numbers to improper fractions.



Do you agree with Whitney?

Explain your answer.

6

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

Complete the table to show some possible values for the circle and the triangle.

○	1	2	4	8	16		
△						88	803