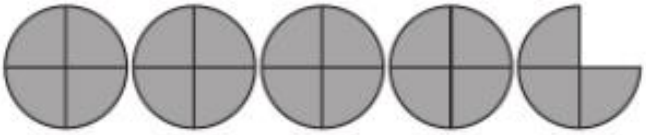
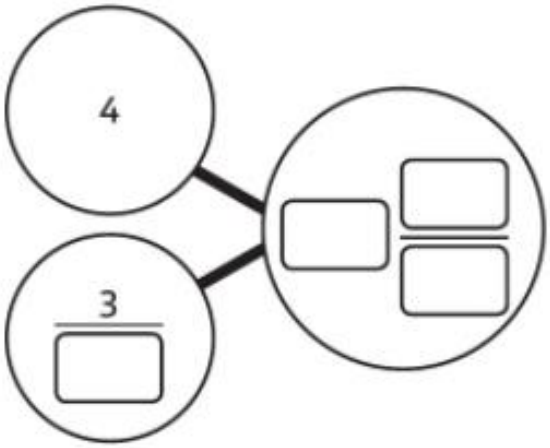
Fractions greater than 1

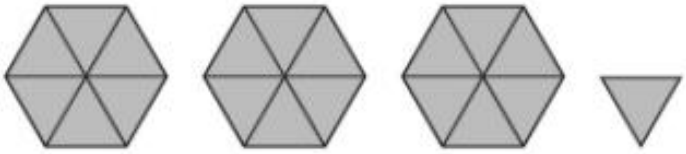
1 **a)** Complete the part-whole model for the number of circles.

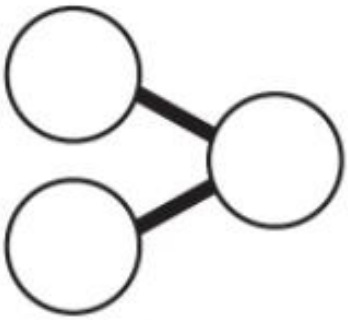




There are ☐ wholes and ☐/☐ or ☐ ☐/☐ circles.

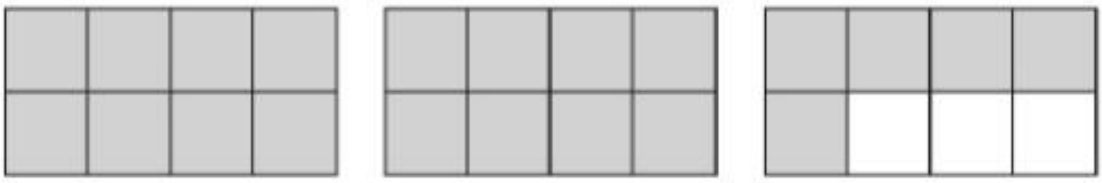
b) Complete the part-whole model for the number of hexagons.





There are ☐ wholes and ☐/☐ or ☐ ☐/☐ hexagons.

2 Write the number of shaded rectangles as a mixed number.



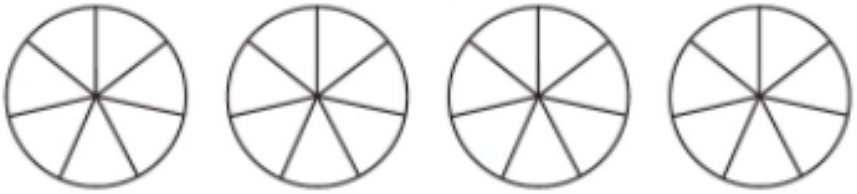
There are ☐ wholes and ☐/☐ or ☐ ☐/☐ rectangles shaded.

3 Shade the shapes so that they show the correct number.

a)

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

b)



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

4 Kate is tidying away some toy cubes.

6 cubes fit into one box.

a) Kate has ☐ grey cubes.

b) Kate has ☐ full boxes of grey cubes and ☐ cubes left over.

c) Kate has ☐ $\frac{\square}{\square}$ boxes of grey cubes.

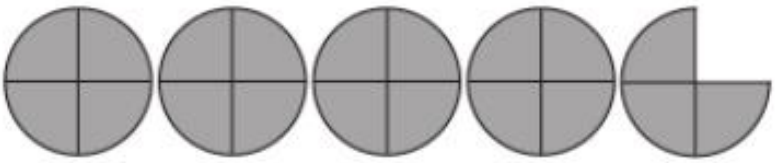
d) Kate has ☐ white cubes.

e) Kate has ☐ full boxes of white cubes and ☐ cubes left over.

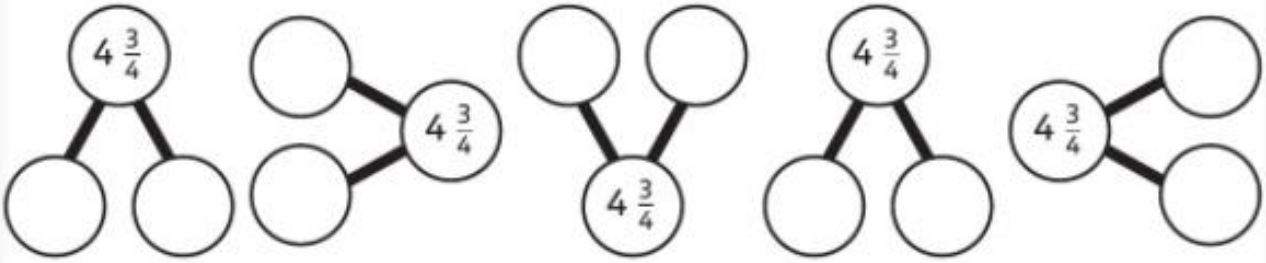
f) Kate has ☐ $\frac{\square}{\square}$ boxes of white cubes.

5 Isla has made 4 and $\frac{3}{4}$ circles using quarter circles.

CHALLENGE



How many different ways could she complete a part-whole model to show the same total?



Reflect

Draw a diagram that shows $2\frac{3}{4}$.

Compare with your partner. Write down what is the same and what is different about your shapes.

- _____
- _____
-