1 Dani colours part of this shape.
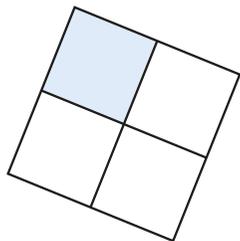
a) What fraction of the shape has Dani coloured?

$\frac{1}{4}$

b) Colour another small square.

What fraction of the shape is now coloured?

$\frac{2}{4}$

c) Colour another small square.

What fraction of the shape is now coloured?

$\frac{3}{4}$

d) Colour another small square.

What fraction of the shape is now coloured?

$\frac{4}{4}$

2 What fraction of each shape is shaded?
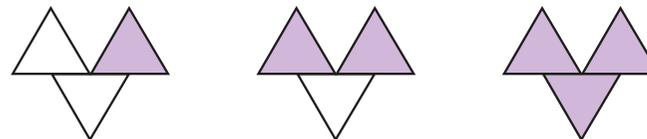
$\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{3}$

Say the fractions out loud to a partner.

3 Huan is colouring squares to make a sequence.

What fraction of each diagram is coloured?

Count the fractions out loud and continue the sequence.
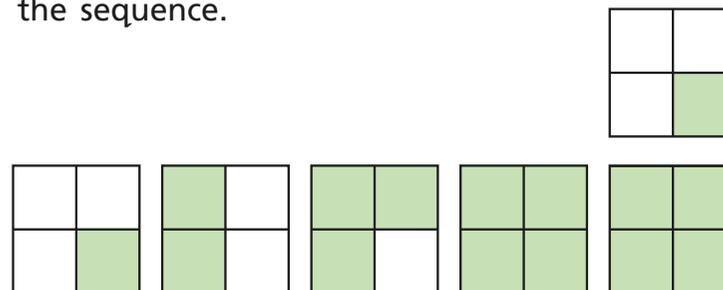
$\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{4}$ $\frac{5}{4}$

4 Aisha is counting pieces of fruit.

How many strawberries are there altogether?

$4\frac{1}{2}$

There are $\boxed{4\frac{1}{2}}$ strawberries.

5 The children in the class would like a whole apple each.

How many whole apples can be made from these quarters?
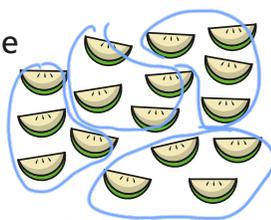
$\boxed{4}$ whole apples can be made.

6 Write the missing fractions.

a)

5	$5\frac{1}{4}$	$5\frac{2}{4}$	$5\frac{3}{4}$	6	$6\frac{1}{4}$	$6\frac{2}{4}$

b)

8    $8\frac{1}{4}$ $8\frac{2}{4}$ $8\frac{3}{4}$ 9 $9\frac{1}{4}$ $9\frac{2}{4}$ $9\frac{3}{4}$ 10

7 Complete the number line.

0   $\frac{1}{2}$ 1 $1\frac{1}{2}$ 2 $2\frac{1}{2}$ 3 $3\frac{1}{2}$ 4

0   $\frac{1}{2}$ $\frac{2}{2}$ $\frac{3}{2}$ $\frac{4}{2}$ $\frac{5}{2}$ $\frac{6}{2}$ $\frac{7}{2}$ $\frac{8}{2}$
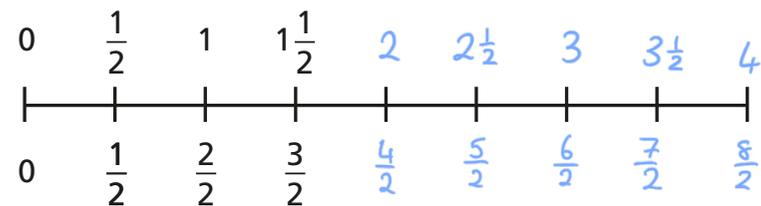
What is the same? What is different?

8 Ron is counting to 3 in thirds.
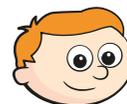
$0, \frac{1}{3}, \frac{2}{3}, \frac{3}{3}, \frac{4}{3}, \frac{5}{3}, \frac{6}{3}, \frac{7}{3}, \frac{8}{3}, \frac{9}{3}$

Is Ron correct? _Yes_

Use the number line to show how you know this.

$\frac{0}{3}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{3}$ $\frac{4}{3}$ $\frac{5}{3}$ $\frac{6}{3}$ $\frac{7}{3}$ $\frac{8}{3}$ $\frac{9}{3}$

0   1   2   3