B Pictograms With Scales

Let's Recall

How can you use a pictogram to show the favourite colour of your classmates?

Let's Learn Together

1 Look at the fruits.

We can record and present the data using a pictogram.

				
 Apple	 Orange	 Starfruit	 Watermelon	 Pineapple

Key ● represents 1 piece of fruit

There are _____ types of fruits.

There are _____ fewer starfruits than watermelons.

There are _____ pieces of fruit altogether.

Stop-Think-Go

How can you check that you have counted every piece of fruit?

2 Mr Ahmad records the favourite pet of each pupil in a class. The pictogram shows the results.

Hamster	☺ ☺ ☺ ☺ ☺
Cat	☺ ☺ ☺
Rabbit	☺ ☺ ☺ ☺ ☺ ☺
Terrapin	☺ ◔

Key ☺ represents 2 pupils
◔ represents 1 pupil

(a) How many pupils like hamsters?

There are 5 ☺ for hamsters.
$5 \times 2 = 10$
10 pupils like hamsters.

Each ☺ represents 2 pupils. So we multiply the number of ☺ by 2 to get the number of pupils.

(b) How many pupils like terrapins?

There are 1 ☺ and 1 ◔ for terrapins.

$2 + 1 =$ ____

____ pupils like terrapins.

(c) How many pupils like hamsters or terrapins?

$10 +$ ____ $=$ ____

____ pupils like hamsters or terrapins.

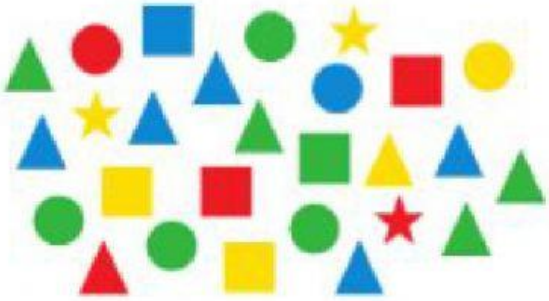
(d) Which is the most popular pet?

The pet with the most ☺ is ____.

The most popular pet is ____.

3 Look at the collection of shapes and the frequency table.

Shape	Number of each shape
Star	3
Circle	7
Square	6
Triangle	11



The pictogram shows the same data.

Star	
Circle	
Square	
Triangle	

Key represents _____ shapes of the same kind

represents _____ shape of the same kind