Draw Pictograms (2, 5 & 10)

Notes and Guidance

Children look at pictograms where the symbols represent 2, 5 or 10 items.

Careful consideration needs to be given to the picture or symbol used so that it can be halved.

They count in twos, fives, and tens to complete and draw pictograms.
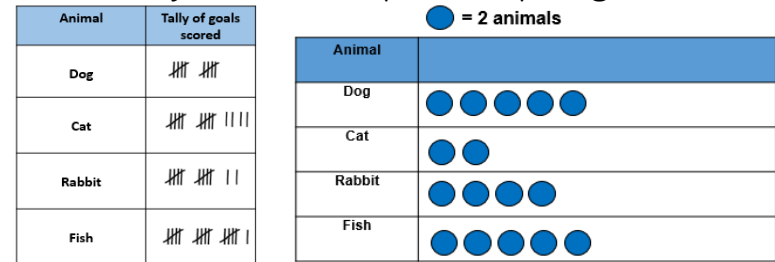
Mathematical Talk

Why is it important to use a picture to represent 10 objects in this pictogram?

Discuss with children that when using larger numbers, 1-1 correspondence becomes impractical.
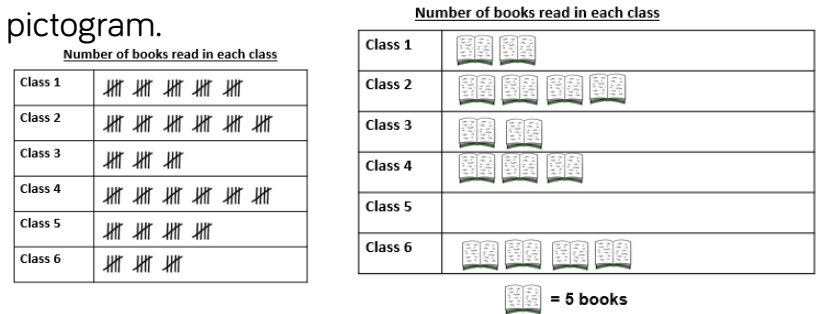
If a symbol = 2, how can you show 3 on a pictogram? How can you show 5? How can you show any odd number?

Varied Fluency

1 Use the tally chart to complete the pictogram.

Animal	Tally of goals scored
Dog	卌 卌
Cat	卌 卌 ||||
Rabbit	卌 卌 ||
Fish	卌 卌 卌	

= 2 animals

Animal	
Dog	●●●●●
Cat	●●
Rabbit	●●●●
Fish	●●●●●

2 Use the information from the table to complete the pictogram.

Number of books read in each class

Class 1	卌 卌 卌 卌 卌
Class 2	卌 卌 卌 卌 卌 卌
Class 3	卌 卌 卌
Class 4	卌 卌 卌 卌 卌 卌
Class 5	卌 卌 卌 卌
Class 6	卌 卌 卌

Number of books read in each class

Class 1	📖📖📖
Class 2	📖📖📖📖📖
Class 3	📖📖
Class 4	📖📖📖
Class 5	
Class 6	📖📖📖📖

📖 = 5 books

3 Year 2 sell cakes at a bake sale. The table shows the data. Draw a pictogram to represent the data. Each circle represents 10 cakes.

● = 10 cakes

Number of cakes sold

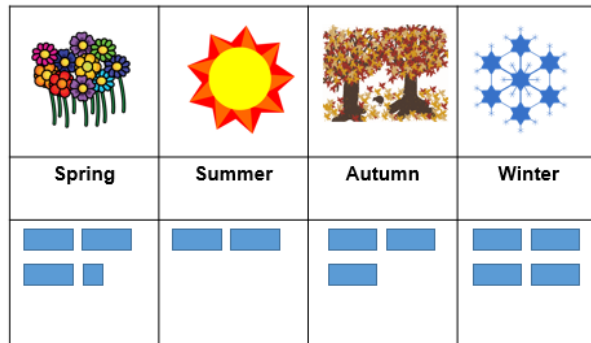| Chocolate cake	卌 卌 卌 卌
Lemon cake	卌 卌 卌 卌 卌 卌 卌
Red velvet cake	卌 卌 卌 卌 卌
Mint cake	卌 卌 卌 卌 卌 卌
Carrot cake	卌 卌 卌 卌 卌 卌 卌 卌

Draw Pictograms (2, 5 & 10)

Reasoning and Problem Solving

Create a pictogram to show who was born in what season in your class.

Use what you know about pictograms to help you.
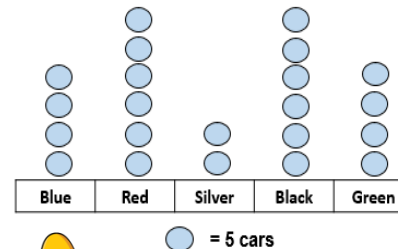
Here is an example.

Seasons we were born in

Spring	Summer	Autumn	Winter
🌸	☀️	🍂	❄️
▬ ▬	▬ ▬	▬ ▬	▬ ▬
▬ ▬	▬	▬	▬ ▬

▬ = 2 children

Zac and Lily both draw a pictogram to show how many cars they have seen pass their school.

Pictogram to show the number of cars

Blue	Red	Silver	Black	Green

⬤ = 5 cars

Mine is better because it shows big numbers.
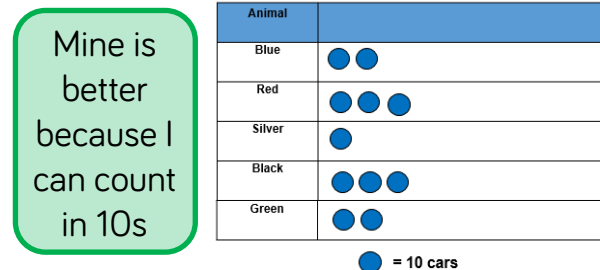
Mine is better because I can count in 10s

Pictogram to show the number of cars

Animal	
Blue	⬤⬤
Red	⬤⬤⬤
Silver	⬤
Black	⬤⬤⬤
Green	⬤⬤

⬤ = 10 cars

Whose pictogram is better?
Explain your reasoning.

Possible answer. They are both equally as good. Each pictogram is easy to read. One counts in 5s and the other counts in 10s, but they both show the same information.