Reasoning
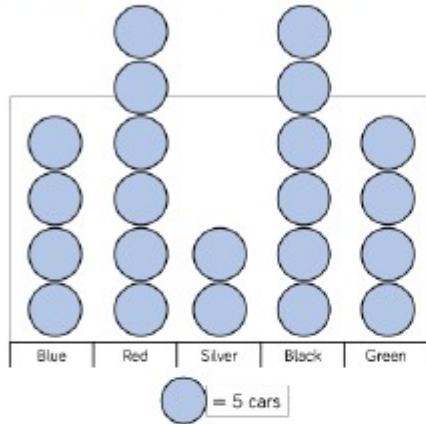
Teddy and Eva both draw a pictogram to show how many cars they counted driving past their school.

Blue	Red	Silver	Black	Green

◯ = 5 cars

Colour	Number on cars
Blue	◯◯
Red	◯◯◯
Silver	◯
Black	◯◯◯
Green	◯◯

◯ = 10 cars

What is the same? What is different?
Whose pictogram do you prefer? Why?

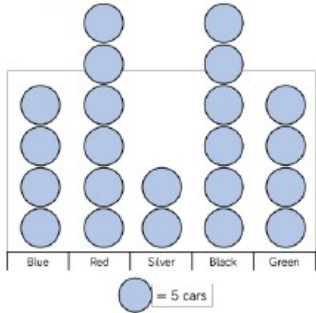Use the tally chart to complete the pictogram.

Pet	Tally
Dog	IIII IIII
Cat	IIII IIII IIII
Rabbit	IIII IIII II
Fish	IIII IIII IIII I

Pet	
Dog	
Cat	
Rabbit	
Fish	

☐ = 2 animals

Explain what you did to complete the pictogram.

Answers

Teddy and Eva both draw a pictogram to show how many cars they counted driving past their school.

Blue	Red	Silver	Black	Green

⬤ = 5 cars

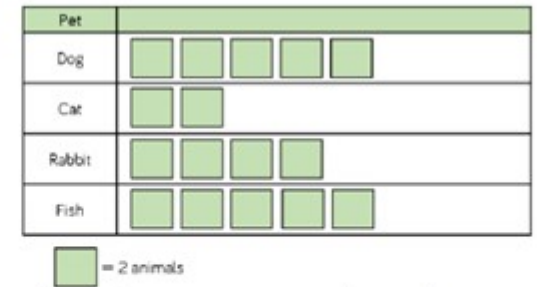| Colour	Number on cars
Blue	⬤⬤
Red	⬤⬤⬤
Silver	⬤
Black	⬤⬤⬤
Green	⬤⬤

⬤ = 10 cars

What is the same? What is different?
Whose pictogram do you prefer? Why?

Possible answer.
Same – both pictograms show the same information. Both easy to read.
Both used circle.
Both are in the same order.

Different – Eva counts in 10s, Teddy counts in 5s
Teddy's is vertical and Eva's is horizontal.

Use the tally chart to complete the pictogram.

Pet	Tally
Dog	卌 卌
Cat	卌 卌 IIII
Rabbit	卌 卌 II
Fish	卌 卌 卌 I

Pet	
Dog	⬜⬜⬜⬜⬜
Cat	⬜⬜
Rabbit	⬜⬜⬜⬜
Fish	⬜⬜⬜⬜⬜

⬜ = 2 animals

Explain what you did to complete the pictogram.

I checked the key to see how many pets the squares represented.

I then used 1 square to show 2 pets.

I checked how many pets there were (e,g, 14 cats) and then used the squares to show this number in the correct row.

It is important to check the key so that we know what the picture is

showing otherwise our pictogram will not show the right amount (inaccurate).