

Jack and Whitney have carried out a traffic survey.

Van		= 10 vehicles
Bus		
Bike		
Lorry		
Car		

Jack says;



If I add the number of lorries and bikes together then it will be equal to the number of cars

Is he right? Convince me.

Whitney says;



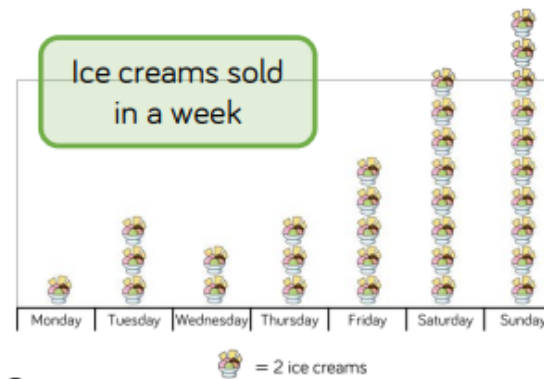
To find the total number of vehicles I need to count the symbols. There are 16 and a half vehicles.

Is she correct? Explain your answer.

Jack is correct because there are 20 lorries and 30 bikes. That means there are 50 lorries and bikes altogether. This is the same as the number of cars.

Whitney is incorrect because she has ignored the key. That means there will be 165 cars, not 16 and a half.

Ice creams sold in a week



Convince me

There are more ice-creams sold at the weekend than during the rest of the week.

True or False (Why?)

Three ice creams were sold on Tuesday.

Justify

If the staff needed to pick one day to have off during the week, which would be the best day and why?

There were 36 ice creams sold at the weekend and only 28 sold during the rest of the week. There were not 3 ice creams sold on Tuesday, there were 6 sold. One symbol represents 2 ice creams. The best day off would be Monday because that is the day they sold the least amount.