Pictograms

1. Use the pictogram to complete each statement with the correct vehicle.

Vehicles	Number of vehicles
Car	●●●●●●●
Bus	●●●●●
Van	●●◗
Lorry	●●●◗
Motorbike	●●●●

Key: ● = 2 vehicles

A. We saw 1 more motorbike than ___ .

B. We saw 6 fewer ___ than cars.

C. We saw twice as many buses as ___ .

VF

2. Tick the statements that describe the pictogram correctly.

Time	Number of people in a gym
7am	🙂🙂🙂🙂🙂🙂🙂🙂
8am	🙂🙂🙂🙂◖
9am	🙂🙂◖
10am	🙂🙂🙂🙂🙂🙂◖

Key: 🙂 = 4 people

A.	There were less than half as many people at 9am than at 7am.	
B.	There were 26 people in the gym at 10am.	
C.	There were half as many people in the gym at 8am than at 7am.	

VF

3. Jade draws a pictogram to show children's favourite drink.

Drink	Number of children 1 picture = 3 children
Smoothie	🥤
Apple juice	🥤🥤🥤
Water	🥤🥤🥤🥤🥤🥤🥤🥤🥤
Milk	🥤🥤🥤🥤🥤

Twice as many children voted for water, than milk.

Is she correct? Explain your answer.

R

4. Ismail is drawing a pictogram. He knows fewer people bought mixed than salty, but more people bought sweet than toffee. Complete the pictogram showing one of the possibilities.

Popcorn	Number of tubs sold
Salty	🍿🍿🍿🍿🍿
Sweet	
Toffee	🍿🍿🍿🍿🍿🍿
Mixed	

Key: 🍿 = 10 tubs of popcorn

PS

5. Elijah is trying to work out the key for this pictogram. Each child placed 1 vote and 60 children voted altogether.

Subject	Number of children
Maths	▲▲
Literacy	▲▲▲▲
Science	▲▲▲
Music	▲▲▲

Key: ▲ = __ children

He thinks the key could be 10 children. Is he correct? Convince me.

R

Pictograms

1. A. lorries; B. buses; C. vans

2. A and B

3. Jade is incorrect. 18 children voted for milk and twice as many would be 36. Only 27 children voted for water.

4. Various answers, for example: Sweet 70; Mixed 30

Popcorn	Number of tubs sold
Salty	🍿 🍿 🍿 🍿 🍿
Sweet	🍿 🍿 🍿 🍿 🍿 🍿 🍿
Toffee	🍿 🍿 🍿 🍿 🍿
Mixed	🍿 🍿 🍿

5. Elijah is incorrect. If each triangle represented 10 children there would be 120 children's votes altogether. There are 60 children's votes altogether and 12 triangles. 60 ÷ 12 = 5. Therefore the key must be 5 children.