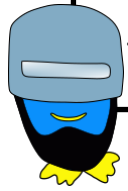# Robot Maths – Collecting data

Talia wants to take a sample of students from her school to find out their favourite subject. She asks 5 students from the same class. Is this a good sample or not? Why?
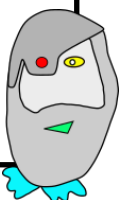
Is the sample at least 30?

Yes

No

This is **not a good** sample because the number in the sample is too small.

Is the sample biased?

Yes

No

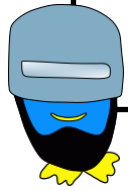This is **not a good** sample because the population is misrepresented.

This is a **good** sample because it's a good size and represents the whole population

If the sample technique is not good,
write a sentence explaining how it could be improved

Robot Maths – Collecting data

Rex wants to find out how often people shop in the high street. He asks 50 people on the high street.
Is this a good sample or not? Why?

Is the sample at least 30?

Yes

No

This is **not a good** sample because the number in the sample is too small.

Is the sample biased?

Yes

No

This is **not a good** sample because the population is misrepresented.

This is a **good** sample because it's a good size and represents the whole population

If the sample technique is not good,
write a sentence explaining how it could be improved