

Robot Maths - Averages (choosing the best one)



Example: What is the best average to use for this data?

50cm, 8cm, 3cm, 6cm, 4cm



Numerical



Is the data numerical or categorical?

Categorical



Are there any outliers?

Use the **MODE**

Yes



Use the **MEDIAN**

No



Are the numbers spread evenly (roughly)?

Yes



Use the **MEAN**

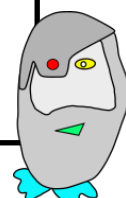
No




Use the **MEDIAN**



Write a full sentence to describe which average you will use and why





Robot Maths - Averages (choosing the best one)



Example: What is the best average to use for this data?

Pakeha, Māori, Māori, Samoan, Pakeha




Numerical  **Categorical** 

Is the data numerical or categorical?

Are there any outliers?


Use the **MODE**

Yes 

Use the **MEDIAN**

No 

Are the numbers spread evenly (roughly)?

Yes 

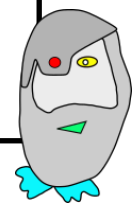
Use the **MEAN**

No 

Use the **MEDIAN**



Write a full sentence to describe which average you will use and why



Robot Maths - Averages (choosing the best one)



Example: What is the best average to use for this data?

2kg, 4kg, 5kg, 7kg, 8kg, 9kg, 12kg



Numerical



Is the data numerical or categorical?

Categorical



Are there any outliers?

Use the **MODE**

Yes



Use the **MEDIAN**

No



Are the numbers spread evenly (roughly)?

Yes



Use the **MEAN**

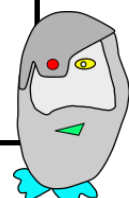
No



Use the **MEDIAN**



Write a full sentence to describe which average you will use and why



Robot Maths - Averages (choosing the best one)



Example: What is the best average to use for this data?

2kg, 2kg, 3kg, 3kg, 4kg, 9kg, 12kg



Numerical

Is the data numerical or categorical?

Categorical



Are there any outliers?

Use the **MODE**

Yes

No



Use the **MEDIAN**

Are the numbers spread evenly (roughly)?

Yes

No



Use the **MEAN**

Use the **MEDIAN**



Write a full sentence to describe which average you will use and why

