

Science- Animals including Humans: 11.05.20

I can explain how babies grow and develop.

I can present data.

What is
information?

What is data?

What is the
difference
between
information
and data?



Age	Height of babies
0 months	51cm
1 month	53.5cm
2 months	57.5cm
3 months	60.5cm
4 months	64.5cm
5 months	65cm
6 months	67cm
7 months	68cm
8 months	70cm
9 months	71cm
10 months	72cm
11 months	73cm
12 months	75cm

What does this data show
us?


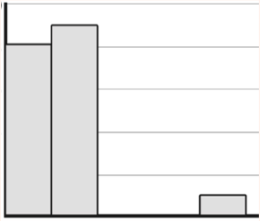
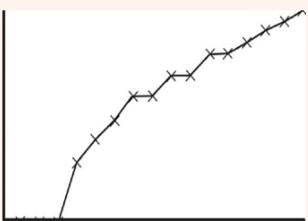
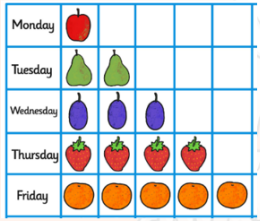
What are the categories?

What is the unit of
measurement?

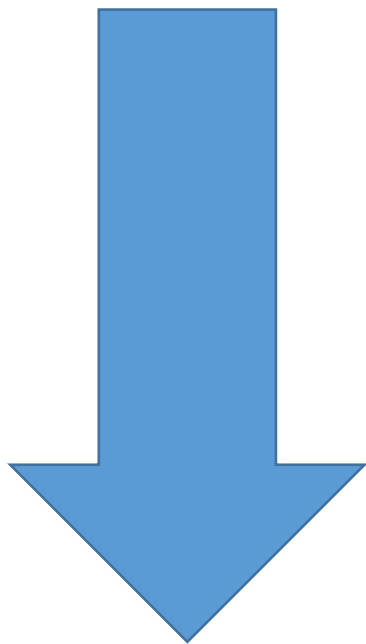
If this data was presented in
a graph, what should be
shown on the x/y axis?
Why?

What kinds of graph should
be used to present this
data? Why?

Match the name, picture and uses of the graph


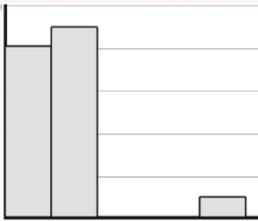
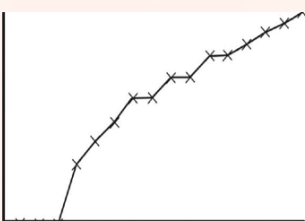
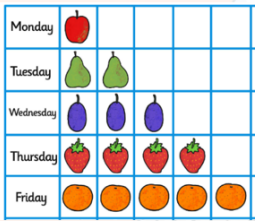
Pictogram Graph	Bar Graph	Pie Chart	Line Graph
			
Good for showing what the data is about	Shows how many with a picture or an icon	Compares choices – how many? how much?	Shows changes over time
Shows more than one set of data easily	Can adjust the scale easily	Shows the parts and the whole picture	Shows parts of a whole (percentages)

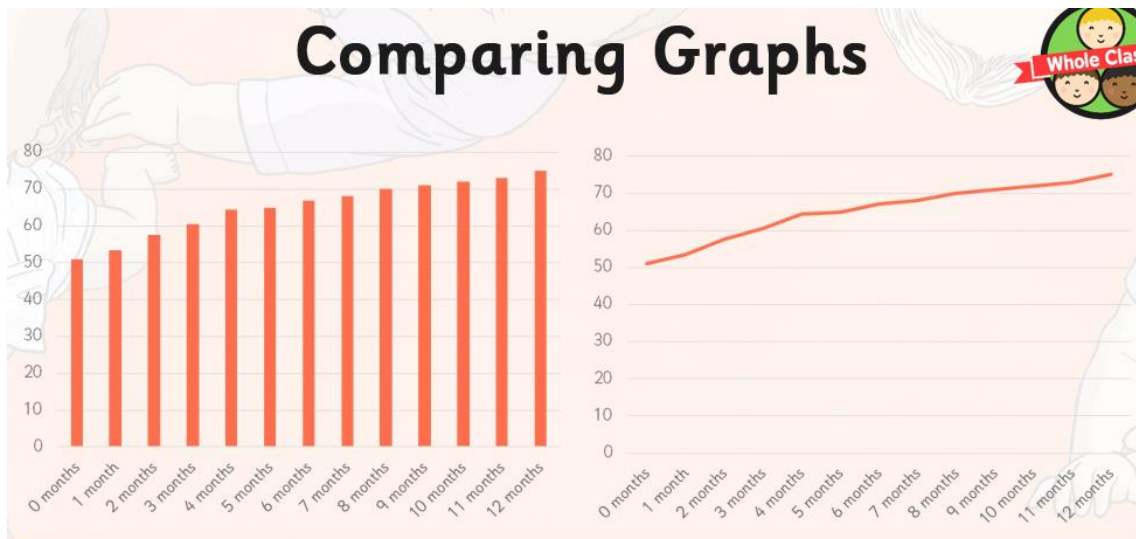
Once you have matched the name, picture and uses of graph, scroll down to the next page for answers



ANSWERS

Match the name, picture and uses of the graph

Pictogram Graph	Bar Graph	Pie Chart	Line Graph
			
Shows the parts and the whole picture	Shows more than one set of data easily	Shows changes over time	Shows how many with a picture or an icon
Shows parts of a whole (percentages)	Compares choices – how many? how much?	Can adjust the scale easily	Good for showing what the data is about



Which graph should the data be presented with? Why?

Why do scientists want to present their data clearly?

What are the problems if they don't?

Your task!

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1. Look at the table above.
2. Create at least two types of graphs to compare.
3. Make sure axis are labelled.
4. Create a title for your graph(s).
5. Explain which of the graphs presents your data more clearly and why.

Note: You can complete this in your home learning books.

Want to share it with us?

Hand it in into Google Classroom or send it to

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