Count and Construct

Activity 1 – Age Survey

FRESH MINIMARKET made an investigation.

The shop recorded the ages of people in the shop on a Saturday between 9am and 10am.

Then they recorded the data on a frequency chart.

Age	Tally	Frequency
21 - 30	||	
31 - 40	𝍸	
41 - 50	𝍸 𝍸 𝍸 ||||	
51 - 60	𝍸 𝍸 |	11
61 - 70	|||	

1) Complete the frequency chart.

2) How many people visited the shop between 9am and 10am?

3) How many people were 50 years or younger?

4) The shop manager says the oldest person visiting the shop was 70.
Explain why this might not be correct.

5) Write two statements from this data collected.

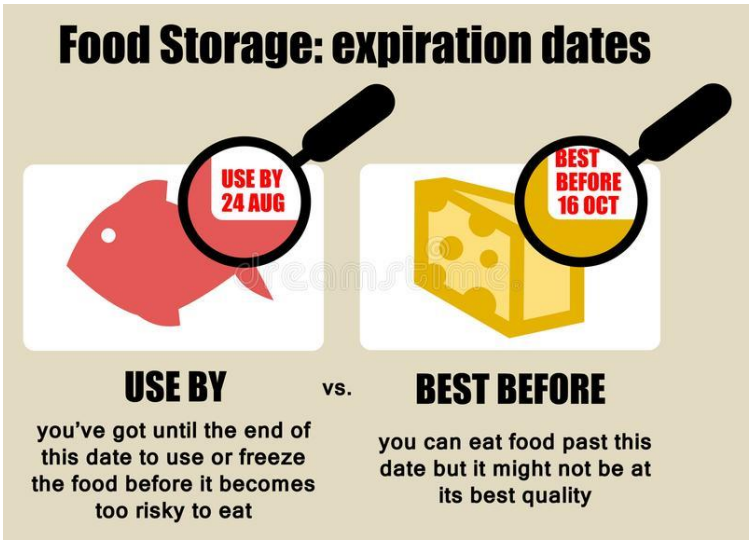
Inspired by: https://corbettmaths.com/wp-content/uploads/2013/02/tally-charts-pdf1.pdf

Activity 2 – Kitchen Cupboard Survey

Some food products have a date printed on them.

This can be either a USE BY or BEST BEFORE date.

What is the difference?



This product expires in February as it is the 2nd month.

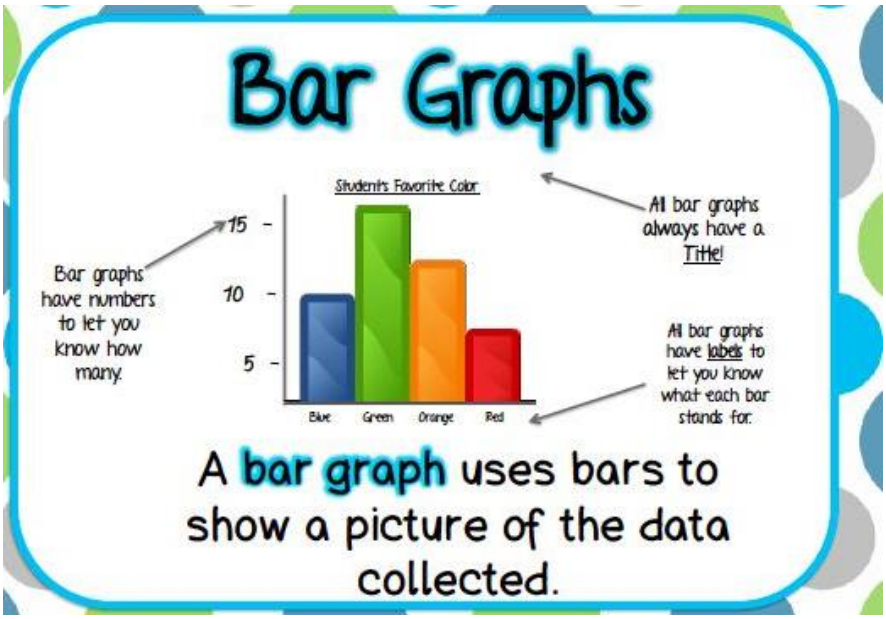
This product expires in May as it is the 5th month.

This product expires in September as it is the 9th month.

a) Look at all the **food products** in the kitchen cupboard.
b) **Check the date (best before/used by)** printed on them.
c) **Sort them out**: expire in the next 3 months (**0 – 3 months**), expire in the next 4 to 6 months (**4 – 6 months**), expire in the next 6 months to 1 Year (**6 – 12 months**), expires in a year or more (**12 months +**)
d) **Construct a bar graph** according to these expiry date frames.

You can use a graph paper to construct your bar graph.

Make sure that your bar graph has all its important features.



Use your collected data to answer these questions:

1) How many products were used to collect this data?
2) Which food product in your cupboard has the longest shelf life?
3) Which food product in your cupboard is going to expire first?
4) Do you think it's the type of packaging or the type of food that gives it a long shelf life?