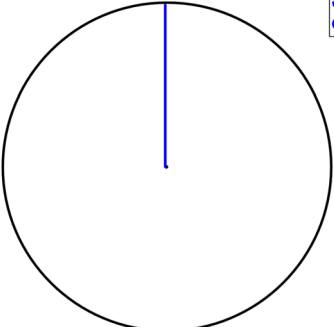


lots of DATA 5

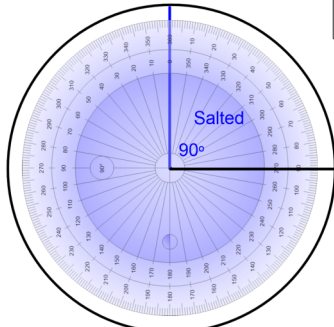
A survey is done on the favourite flavour of crisps.
The results are in the table below.
Draw a pie chart.

Flavour	Frequency	Angle
Salted	10	
BBQ	12	
Chicken	3	
Sweet		
Chilli	5	



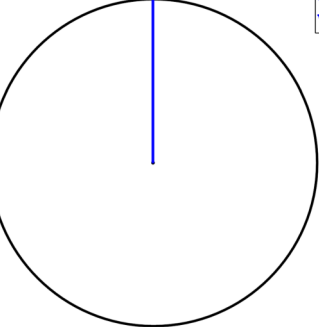
A survey is done on the favourite flavour of crisps.
The results are in the table below.
Draw a pie chart and fill in the table.

Flavour	Frequency	Angle
Salted	5	90°
BBQ	12	
Chicken		
Sweet		
Chilli	1	



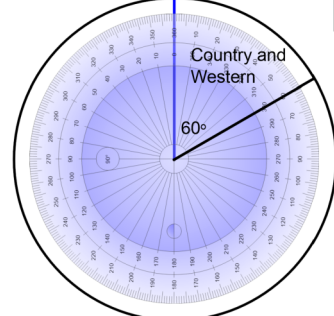
A survey is done on the favourite type of music.
The results are in the table below.
Draw a pie chart.

Type	Frequency	Angle
Pop	32	
Rock	12	
Hip Hop	10	
Country & Western	6	



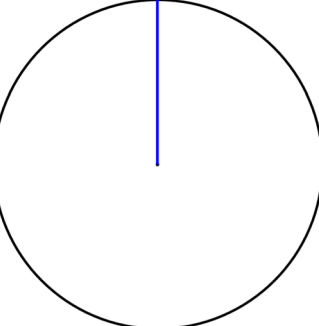
A survey is done on the favourite type of music.
The results are in the table below.
Draw a pie chart and fill in the table.

Type	Frequency	Angle
Pop	20	
Rock		72°
Hip Hop		
Country & Western	10	60°



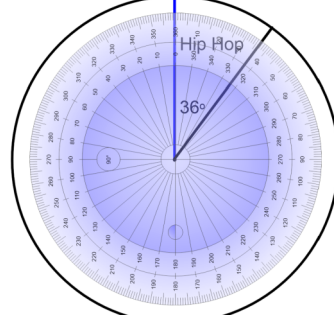
A survey is done on the favourite type of music.
The results are in the table below.
Draw a pie chart.

Type	Percentage	Angle
Pop	52%	
Rock	21%	
Hip Hop	10%	
Country & Western	17%	

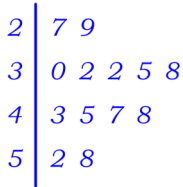


A survey is done on the favourite type of music.
The results are in the table below.
Draw a pie chart and fill in the table.

Type	Percentage	Angle
Pop	%	
Rock	25%	
Hip Hop	10%	36°
Country & Western	15%	



Time to run 200m



This stem and leaf shows the times taken by some Yr 11 students to run 200m.

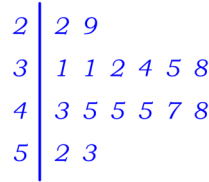
What was the shortest time?

What was the range of times?

Another student ran in 44 seconds. Add this result to the stem and leaf.

Key 2 | 7 means 27secs

This stem and leaf shows the length of a snake.

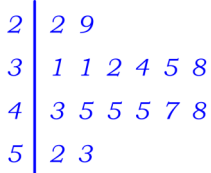


What is the modal length?

What is the range of the lengths?

Another snake is measured. When this is added to the stem and leaf diagram the range changes to 40cm. What length could this new result be?

Key 2 | 9 means 29cm



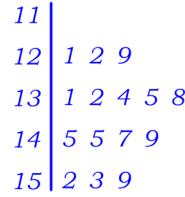
This stem and leaf shows the reaction times for 16 three-toed sloths.

What is the median reaction time?

What is the probability that a sloth picked at random will take more than 3.0 seconds?

Key 2 | 9 means 2.9 secs

25% of these times are higher than ____?



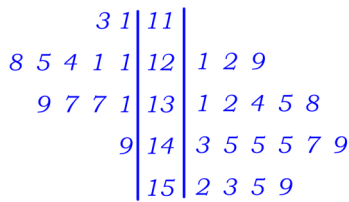
These are the distances that 14 fleas can jump.

Did any flea jump 13.2cm?

What is the range of values?

Key 12 | 9 means 12.9cm

What is the probability that a flea could jump higher than 10cm?



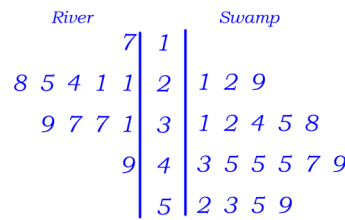
These are the heights of some boys and girls in a youth club.

How many boys were measured?

Did any girls measure 122cm tall?

Key 8 | 12 | 9 means BOY 128cm and GIRL 129cm

What is the range of the boys heights?



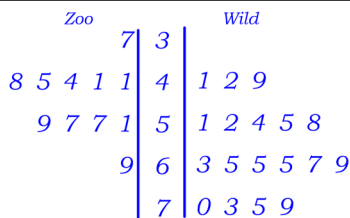
These are the lengths (nearest cm) of 3 week old crocodiles which live in either the River or Swamp.

Find the median for both locations.

Find the range for the Swamp.

Key 8 | 2 | 9 means 2.8cm and 2.9cm

Compare the lengths for the 2 locations.



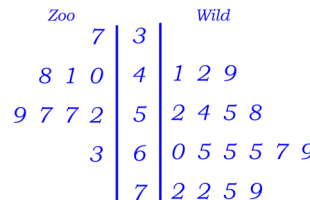
These are the lengths (nearest cm) of bush babies which live in either the Zoo or the Wild

Find the range for both locations.

Another bush baby is found in the wild. It is 60 cm long. Add it to the diagram.

Key 8 | 3 | 9 means 38cm and 39cm

Compare the lengths for the 2 locations.



These are the lengths (nearest cm) of pigmy snakes which live in either the Zoo or the Wild

Find the range for both locations.

Another pigmy snake is found in the wild. It is 6.0 cm long. Add it to the diagram

Key 8 | 3 | 9 means 3.8cm and 3.9cm

Compare the lengths for the 2 locations.