Charts and graphs

1. Match these to their name.

Bar graph
Line graph
Pie chart
Pictograph

Magazine Sales

Birthday of Students by Month

Favorite Pizza Toppings

cheese	
mushroom	
sausage	
pepperoni	

Key = 5 pizzas
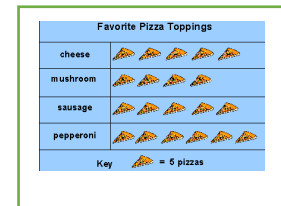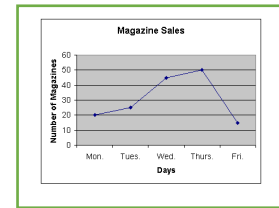
2. Look carefully at the bar graph below and then answer the questions.

Birthday of Students by Month
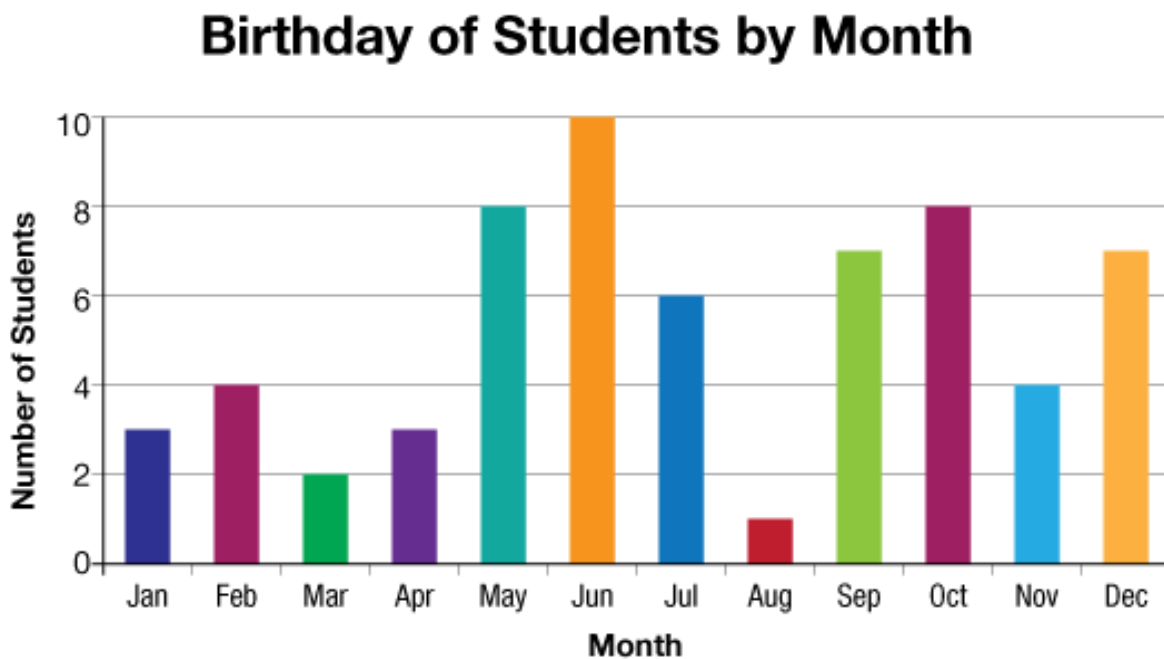
a) Which month has the most birthdays?
b) How many birthdays are in April?
c) What is the least common month for a birthday?
d) *How many birthdays have been recorded in total?*

3. Look carefully at the pictograph below and then answer the questions.

Favorite Pizza Toppings

cheese	🍕 🍕 🍕 🍕 🍕
mushroom	🍕 🍕 🍕 🍕
sausage	🍕 🍕 🍕 🍕 🍕
pepperoni	🍕 🍕 🍕 🍕 🍕 🍕

Key 🍕 = 5 pizzas
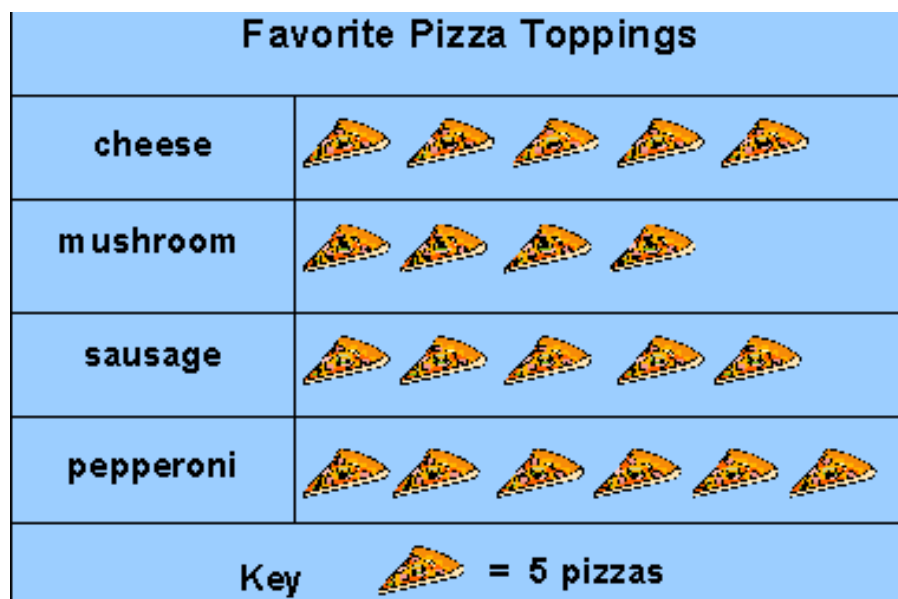
a) What's the least popular pizza topping?
b) How many people prefer pepperoni pizza?
c) Which two toppings had the same amount of votes?
d) *How many people were asked in total?*

4. Look carefully at the line graph below and then answer the questions.
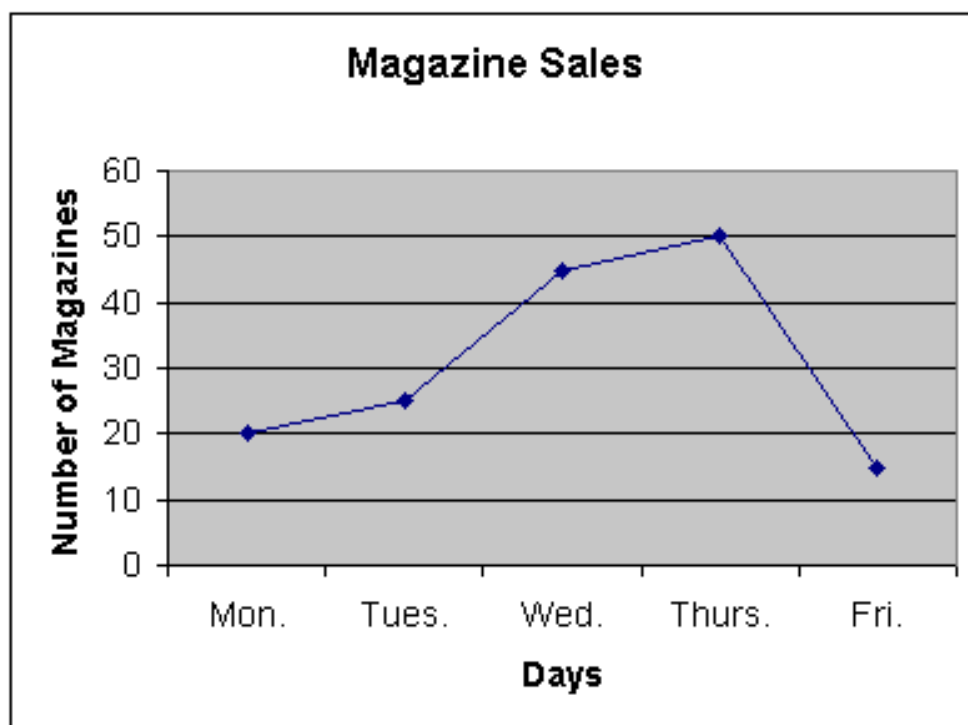
Magazine Sales

a) What is the title of the line graph?
b) Which day were the most magazines sold?
c) Which day were the least magazines sold?
d) *What is the total number of magazines sold on Monday and Thursday?*

5. Look carefully at the pie chart below and then answer the questions.

What is your favourite fruit?
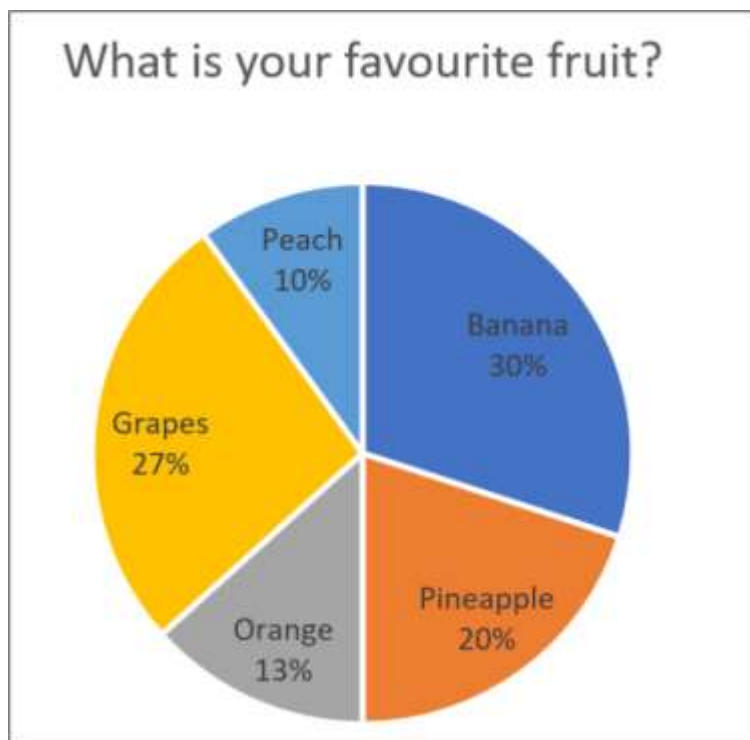
a) What is the least popular fruit?

b) What is the most popular fruit?

c) What percentage of people prefer orange and grapes?

d) What percentage of people prefer banana and peach?

***e) There were **200** people in this survey.

-How many people liked pineapple the most?

-How many people liked grapes the most?

Challenge

Use the data in this table to create a pictograph

It is very important that you use a ruler.

*Super challenge – can you use a key to show that 1 picture represents 2 piece of fruit?

Favourite fruit

Apple	8
Banana	12
Orange	4
Grapes	10