DATA GRAPHS

1. Favourite types of pizza
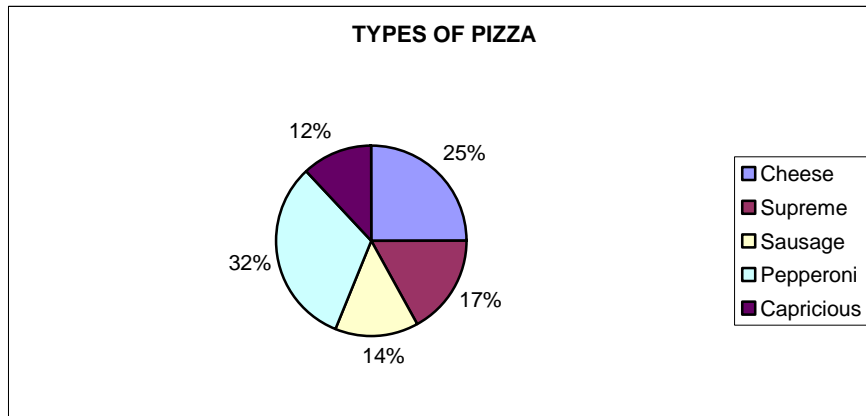
TYPES OF PIZZA

12%   25%

32%   17%

14%

- Cheese
- Supreme
- Sausage
- Pepperoni
- Capricious
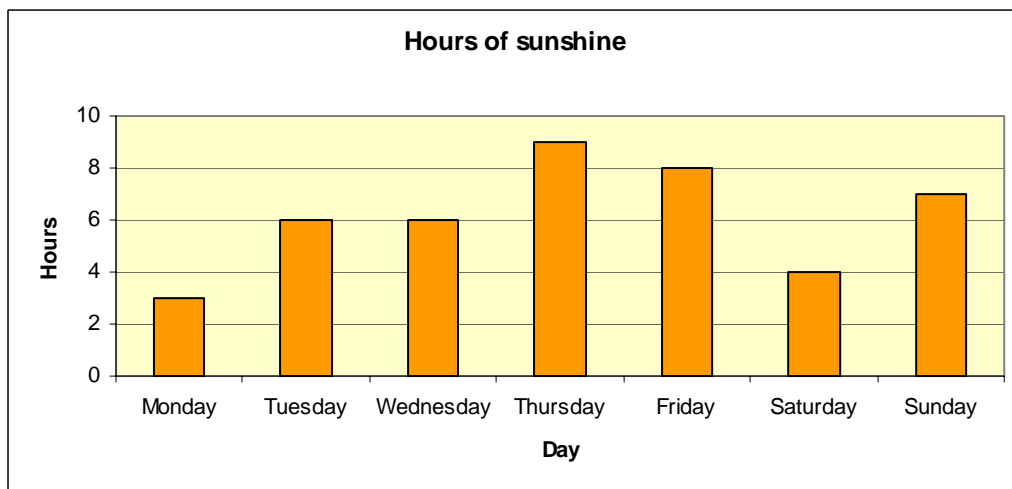
a) Of the people who took the survey, what pizza topping do most people prefer?
b) What percentage of people like Supreme pizza the best?
c) Did more or less than half of the people surveyed like Pepperoni pizza the best?
d) Did more or less than one-fourth of the people surveyed like Cheese pizza the best?

2. Hours of sunshine
The graph below shows the number of hours of sunshine Sevilla received in a week

Hours of sunshine

a) Which days had the same hours of sunshine?
b) Which day had 8 hours of sunshine?
c) How many hours of sunshine did Monday have?
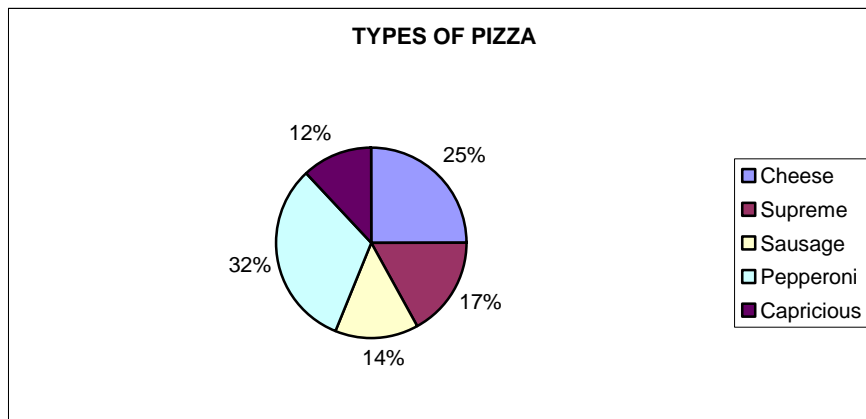d) Calculate the mean hours of sunshine.

3. Transport to the school
A group of 100 students listed their means of transport to the school:

Means of transport	Bus	Car	Underground	Walk	Bike
Number of students	12	18	20	42	8

Draw a bar chart for this information

Guadalupe Buendía Castiñeira

1. Favourite types of pizza

TYPES OF PIZZA

12%   25%

32%

17%

14%

- Cheese
- Supreme
- Sausage
- Pepperoni
- Capricious

a) Of the people who took the survey, what pizza topping do most people prefer?
Most people prefer Pepperoni pizza.
b) What percentage of people like Supreme pizza the best? 12%
c) Did more or less than half of the people surveyed like Pepperoni pizza the best?

Less than a half ($32\% = \dfrac{32}{100}$) like Pepperoni pizza the best.

d) Did more or less than one-fourth of the people surveyed like Cheese pizza the

best? $25\% = \dfrac{25}{100} = \dfrac{1}{4}$ Just one-fourth of the people like Cheese pizza the best.

2. Hours of sunshine
The graph below shows the number of hours of sunshine Sevilla received in a week
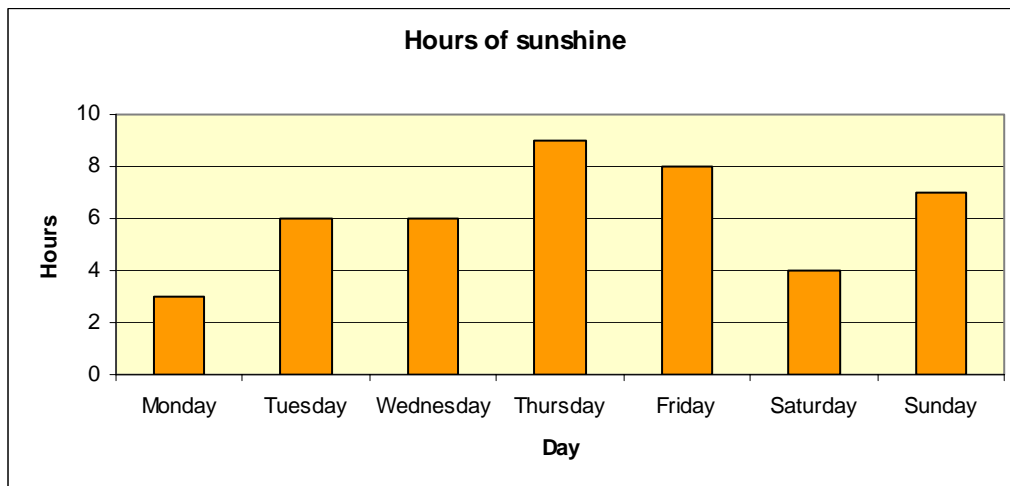
Hours of sunshine

a) Which days had the same hours of sunshine? Tuesday and Wednesday

b) Which day had 8 hours of sunshine? Friday

c) How many hours of sunshine did Monday have? It has 3 hours of sunshine

d) Calculate the mean hours of sunshine. $\dfrac{3+6+6+9+8+4+7}{7} = 6.14$ hours

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Means of transport