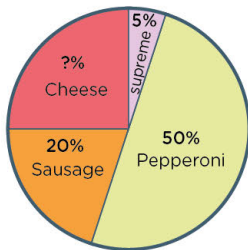


Name: ..... Class: .....

Circle graphs

1. Mirable works in a pizza hut. The circle graph below shows the most favourite toppings that is used in preparing pizza. Study the graph below and answer the questions.

Favourite pizza toppings

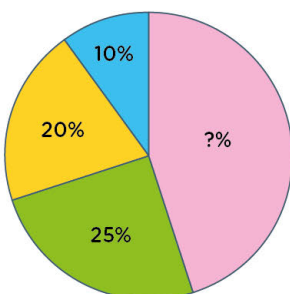


- (a) What percentage does pepperoni topping have than cheese topping?

- (b) What fraction of the circle is made up of sausage topping?

2. Study the graph below and find the missing percentage

Class test results

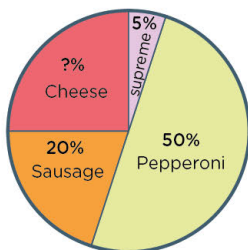


Name: ..... Class: .....

Circle graphs

1. Mirable works in a pizza hut. The circle graph below shows the most favourite toppings that is used in preparing pizza. Study the graph below and answer the questions.

Favourite pizza toppings



- (a) What percentage does pepperoni topping have than cheese topping?

Let's first of all find the percentage of cheese topping.

We can do this by adding all the percentages given and subtracting the result from a 100.

$$5 + 50 + 20 + ? = 100$$

$$75 + ? = 100$$

$$\text{Chesse topping percentage} = 100 - 75 = 25\%$$

So, cheese topping occupies 25% in the circle graph.

Now, to find how much more percentage pepperoni has more than cheese, let's subtract the percentage of of cheese topping from that of pepperoni topping.

$$50\% - 25\% = 25\%$$

- (b) What fraction of the circle is made up of sausage topping?

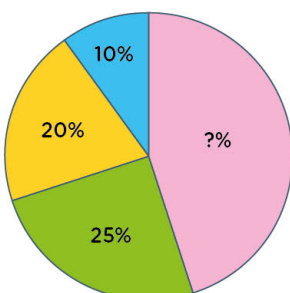
To find the fraction of suasage tooping. divide the percentage occupied by the sausage by 100.

$$\frac{20}{100} = \frac{1 \times 20}{5 \times 20} = \frac{1}{5}$$

So, the fraction occupied by sausage topping is  $\frac{1}{5}$

2. Study the graph below and find the missing percentage.

Class test results



To find the missing percentage of the class test results, let's first of all start by adding all the given percentages.

$$10\% + 20\% + 25\% = 55\%$$

Secondly, let's subtract the total of the given percentages from 100% to get the missing percentage.

$$\text{Therefore, } 100 - 55 = 45\%$$

So, the missing percentage is 45.