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

Interpret frquency charts

The data in the table below showws the favourite ice cream toppings of a group of people. Study and complete the frequency table. Then, answer the following questions.

Ice cream toppings		
Ice cream	Tally	frquency
Oreo	‖‖ ‖‖ ‖	12
Hot fudge	‖‖	3
Caramel	‖‖ ‖‖	8
Cookie dough	‖‖	3
Chocolate Syrup	‖‖ ‖‖ ‖‖	15
Whipped cream	‖‖ ‖‖ ‖‖ ‖‖	20
Sprinkles	‖	2
M and M's	‖‖ ‖‖	8
Strawberries	‖‖ ‖‖ ‖	11
Maple syrup	‖‖	3

(a) How many more people chose chocolate syrup than cookie dough

(b) How many more people chose whipped cream than oreo?

(b) How many people were there in all?

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Interpret frquency charts

The data in the table below showws the favourite ice cream toppings of a group of people. Study and complete the frequency table. Then, answer the following questions.

Ice cream toppings		
Ice cream	Tally	frquency
Oreo	卌 卌 II	12
Hot fudge	III	3
Caramel	卌 III	8
Cookie dough	III	3
Chocolate Syrup	卌 卌 卌	15
Whipped cream	卌 卌 卌 卌	20
Sprinkles	II	2
M and M's	卌 III	8
Strawberries	卌 卌 I	11
Maple syrup	III	3

(a) How many more people chose chocolate syrup than cookie dough

To solve this, we need to first of all fill in the empty spaces on the table by counting the number of tallies in each row and filling in to the frequency column.
You see that the column for Oreo has 12 tallies, so the frequency is 12.
So, to know the number of people who chosed chocolate syrup than cookie dough. let's subtract the frequency of cookie dough from that of chocolate syrup.
15 - 3 = 12
So, 12 more people chosed chocolate syrup than cooie dough.

(b) How many more people chose whipped cream than oreo
Let's subtract the frequency of oreo from the frequency of whipped cream to solve this problem
20 - 12 = 8
So, 8 more people chose whipped cream than oreo

(b) How many people were there in all?
To find the number of people that were there in all;
let's sum up all the frequencies in the frequency column
12 + 3 + 8 + 3 + 15 + 20 + 2 + 8 + 11 + 3 = 85
So, there were 85 people in all.