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

Interpret frequency charts: one - step problems

a. Mary, Flora, Mirabell and Linda work in a restaurant. The number of hours they worked last week was recorded in a frequency chart.

Number of hours worked	
Name	**Frequency**
Mary	30
Flora	
Mirabell	
Linda	

Flora worked half as many hours as Mary. How many hours did Flora work?

Mirabell worked three hours less than Mary. How many hours did Mirabell work?

Linda worked ten hours more than Flora. How many hours did Linda work?

b. Mr. Johnson asked his students to vote for their favourite subjects in class. He recorded their votes in a frequency chart.

Favourite subject	
Subject	**Frequency**
Biology	30
Human Biology	30
Chemistry	15
Physics	12
Mathematics	50

Which subject is the most favourite?
☐ Biology ☐ Mathematics
☐ Chemistry ☐ Human Bilogy

Which subject is the Least favourite?
☐ Biology ☐ Mathematics
☐ Physics ☐ Human Bilogy

mathskills4kids

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

Interpret frequency charts: one - step problems

a. Mary, Flora, Mirabell and Linda work in a restaurant. The number of hours they worked last week was recorded in a frequency chart.

Number of hours worked	
Name	**Frequency**
Mary	30
Flora	15
Mirabell	27
Linda	25

Flora worked half as many hours as Mary. How many hours did Flora work?

Let's first of all read the number of hours Mary worked from the chart.

You see from the chart that Mary worked 30 hours.

To find the number of hours Flora worked, Let's divide 30 by 2 = $\frac{30}{2}$ = 15 hours

So, Flora worked 15 hours last week.

Mirabell worked three hours less than Mary. How many hours did Mirabell work?

To find the number of hours Mirabell worked, Let's remove 3 to 30.   30 - 3 = 27 hours

So, Mirabell worked 27 hours last week.

Linda worked ten hours more than Flora. How many hours did Linda work?

To find the number of hours Linda worked, Let's add 10 to 15.   15 + 10 = 25 hours

So, Linda worked 25 hours last week.

b. Mr. Johnson asked his students to vote for their favourite subjects in class. He recorded their votes in a frequency chart.

Favourite subject	
Subject	**Frequency**
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Which subject is the most favourite?
☐ Biology   ☑ Mathematics
☐ Chemistry   ☐ Human Bilogy

Which subject is the Least favourite?
☐ Biology   ☐ Mathematics
☑ Physics   ☐ Human Bilogy