

Name: Class:

Interpret frequency charts: multi - step problems

- a. Paul is a football fan. He recorded the number of goals some teams made during the football season in this frequency chart.

Goals scored	
Teams	Frequency
Arsenal	35
Manchester	30
Chelsea	50
Westham	45



How many more goals did chelsea score than Manchester?

What is needed for Westham and Chelsea to have equal score?

- b. Larry supplied a number of peanut butter she made last week to different shops in her neighbourhood. She kept track of the jars she supplied in each shop in a frequency chart.

Peanut butter supplied last week	
Shops	Frequency
Larry's bakery	15
Grocery store	20
Angela's shop	12
Banks sandwich	10



This week, she supplied another 70 jars of peanut butter to these same shops.

How many jars of peanut butter did she supply last week and this week altogether?

Name: Class:

Interpret frequency charts: multi - step problems

- a. Paul is a football fan. He recorded the number of goals some teams made during the football season in this frequency chart.

Goals scored	
Teams	Frequency
Arsenal	35
Manchester	30
Chelsea	50
Westham	45



How many more goals did Chelsea score than Manchester?

Let's first of all find the number of goals Chelsea and Manchester scored from the frequency chart.

You see Chelsea scored = 50 goals. Manchester scored = 30 goals.

Then Chelsea scored $50 - 30$ goals more than Manchester. **So, Chelsea scored 20 more goals than Manchester.**

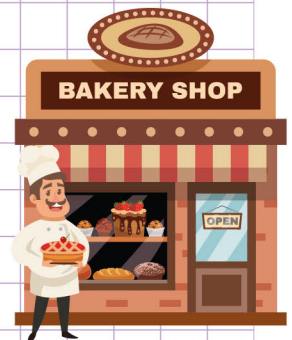
What is needed for Westham and Chelsea to have equal score?

You see Chelsea scored = 50 goals. Westham scored = 45 goals. So Chelsea scored 5 more goals than Westham.

If Westham scored 5 more goals, they could have equal score.

- b. Larry supplied a number of peanut butter she made last week to different shops in her neighbourhood. She kept track of the jars she supplied in each shop in a frequency chart.

Peanut butter supplied last week	
Shops	Frequency
Larry's bakery	15
Grocery store	20
Angela's shop	12
Banks sandwich	10



This week, she supplied another 70 jars of peanut butter to these same shops.

How many jars of peanut butter did she supply last week and this week altogether?

To know the number of peanut butter supplied last week let's add all the values in the frequency column = $15 + 20 + 12 + 10 = 57$

Therefore, the number of jars supplied last week and this week is;

the number of jars supplied last week + the number of jars supplied this week

$57 + 70 = 127$ jars