

A Day Without Dairy

Bar Graph

On a separate piece of graph paper, create a bar graph comparing the amount of cheese, butter and nonfat dry milk exported from the United States, Canada and Russia in 2007.

Total Sales (in 1,000 metric tons)

	Cheese	Butter	Nonfat Dry Milk
United States	99	41	255
Canada	8	16	8
Russia	10	0	15

Determine the following. Round to the nearest tenth. Show all your work.

Mean (average)

Cheese:

Butter:

Nonfat Dry Milk:

Median (middle)

Cheese:

Butter:

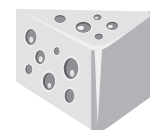
Nonfat Dry Milk:

Range (span)

Cheese:

Butter:

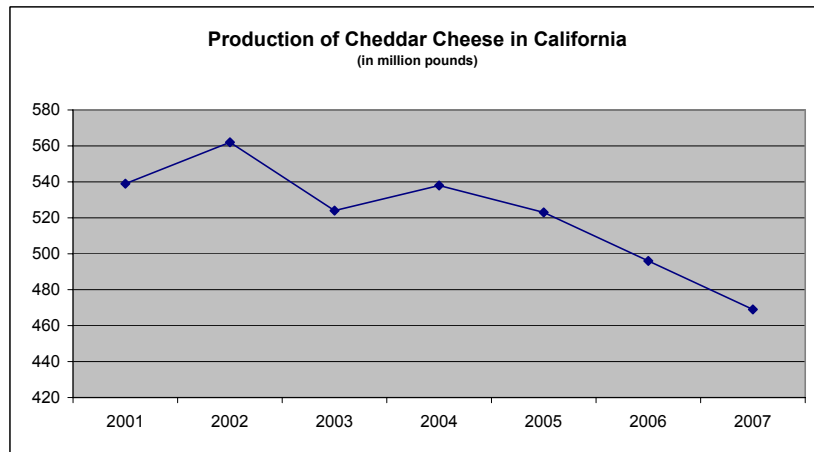
Nonfat Dry Milk:



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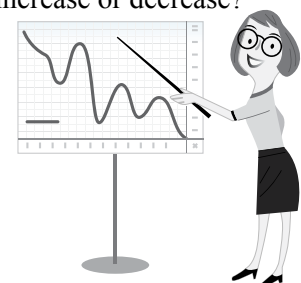
Line Graph

Interpret the line graph below to answer the following questions.



Given this line graph:

1. Summarize the production **trends** from 2001 to 2007.
2. What year did the dairy industry experience the least amount of cheddar cheese production? How much did we produce that year?
3. What year did the dairy industry experience the greatest amount of cheddar cheese production? How much did we produce?
4. Predict if cheddar cheese production will increase or decrease in the future and why.
5. Between what two years did the greatest change occur? Was the change an increase or decrease?
6. Label the horizontal (x-axis) and vertical (y-axis) axes.



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