

Question 1

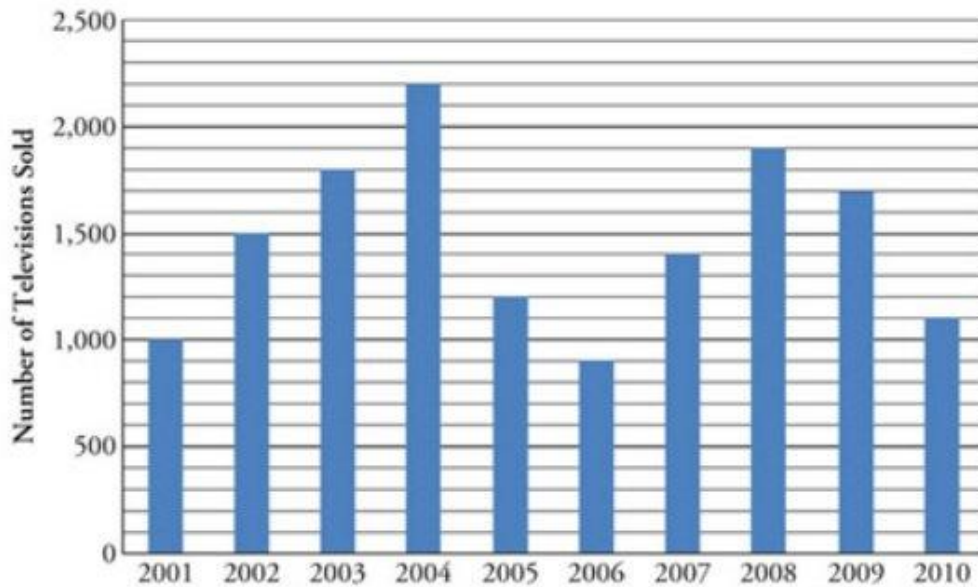
Tab 1: Email

The following email is from the accountant of a certain television store to the store's head of sales.

I've heard that you're trying to establish sales goals for your team. I thought this information could be useful. As I'm sure you know, our televisions are sold at a price of \$250. We purchase the televisions from the manufacturer at a price of \$100 and pay shipping costs of \$50 per television. Our rent is a flat rate of \$140,000 per year. Hopefully, that will help.

Tab 2: Bar Graph

The graph below gives the television sales in the store for the ten years shown.



1. Can the following statements be inferred from the information given? Select Yes if the statement can be inferred. Otherwise, select No.

Ye s	N o	Statements
		In 2001, the profit from television sales exceeded the cost of the rent.
		More televisions were sold in 2004 than were sold in the next two years combined.
		The store makes a gross profit of \$100 per television.

Question 2

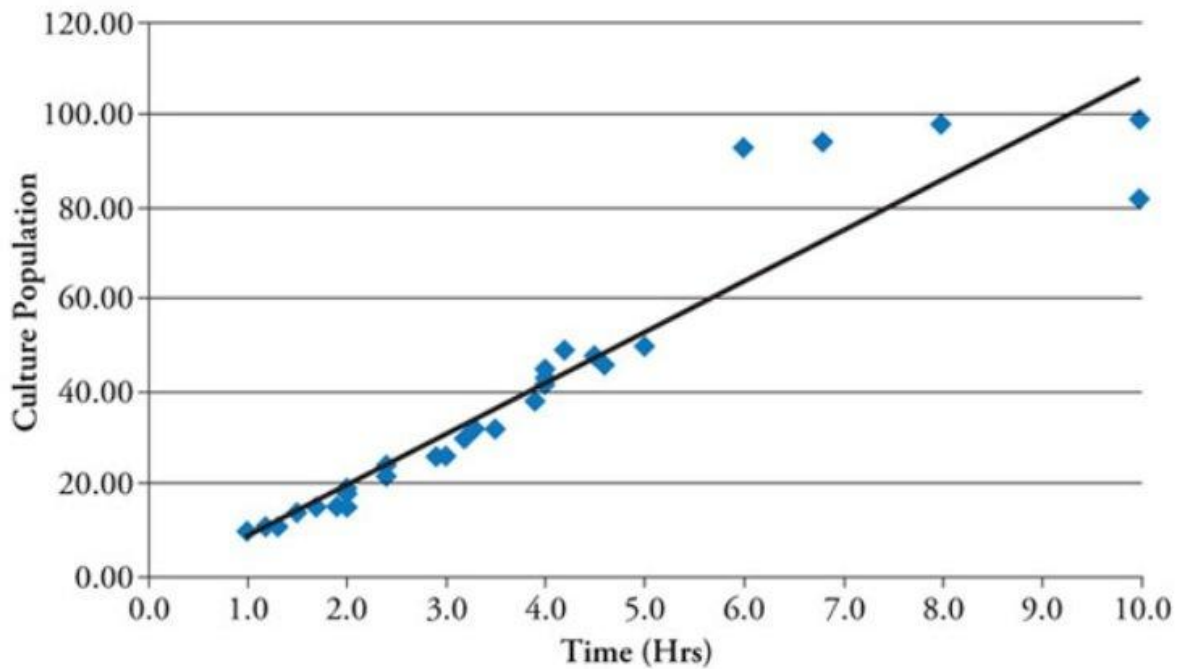
Sort By:

University Name	Spring or Fall Tuition	Summer Tuition	Loan Amount Available	Work Study?
Audripos	\$7,300	\$5,110	\$500	No
Eastern	\$8,250	\$7,100	\$925	Yes
McClellan	\$8,050	\$6,020	N/A	Yes
Nurnelly	\$8,225	\$5,775	\$1,000	Yes
Obbsman	\$9,800	\$6,800	\$1,250	No
Western	\$7,900	\$6,050	N/A	Yes

The table shows tuition for Fall or Spring semesters and Summer semester for a number of universities. In addition, extra columns show the amount of a one-time loan, if available, and whether work-study positions are available on campus.

True	False	Statements
		Nurnelly has the lowest ratio of Summer tuition to Fall tuition of the universities that offer work study.
		For the three universities with the lowest Summer tuition, the Summer tuition is at least 30% less than the Spring tuition.
		All of the universities that provide loans offer a loan amount equal to at least 6% of the combined Fall and Spring tuition except Audripos.

Question 3



The graph is a scatter plot with 30 points, each representing the amount of bacteria present after a certain amount of time. The solid line is the regression line.

Use the drop-down menus to fill in the blanks in each of the following statements based on the information given by the graph.

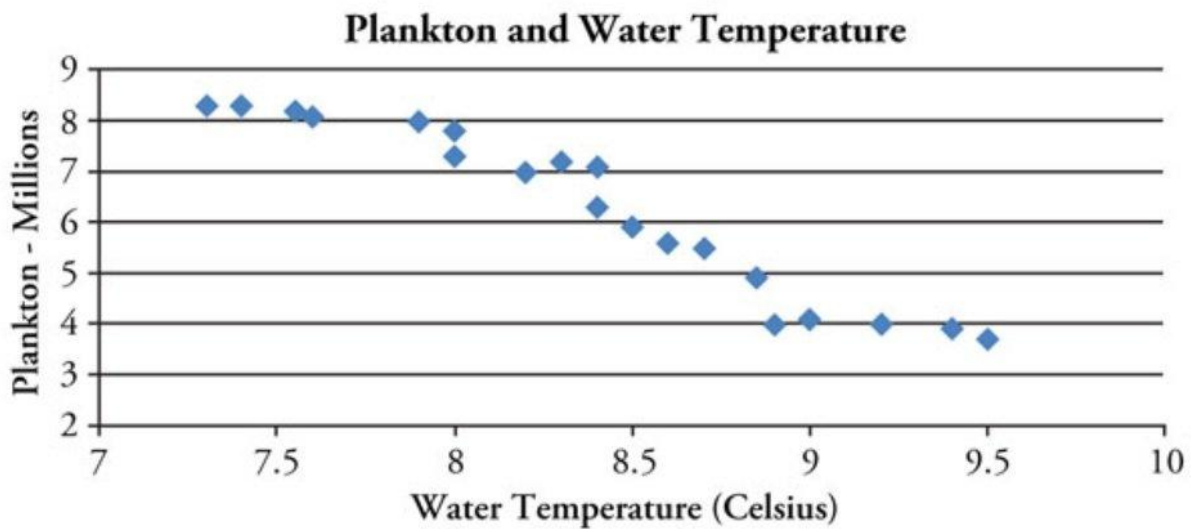
The slope of the regression line is approximately _____.

- A. 0
- B. 1
- C. 4
- D. 7

The culture population ranges between _____.

- A. 10 and 50
- B. 15 and 45
- C. 10 and 100
- D. 1 and 10

Question 4



The chart shows the number of plankton (in millions) detected in sea water off the coast of Alaska at varied water temperatures.

Use the drop-down menus to fill in the blanks in each of the following statements based on the information given by the graph.

The slope of the regression line would be _____.

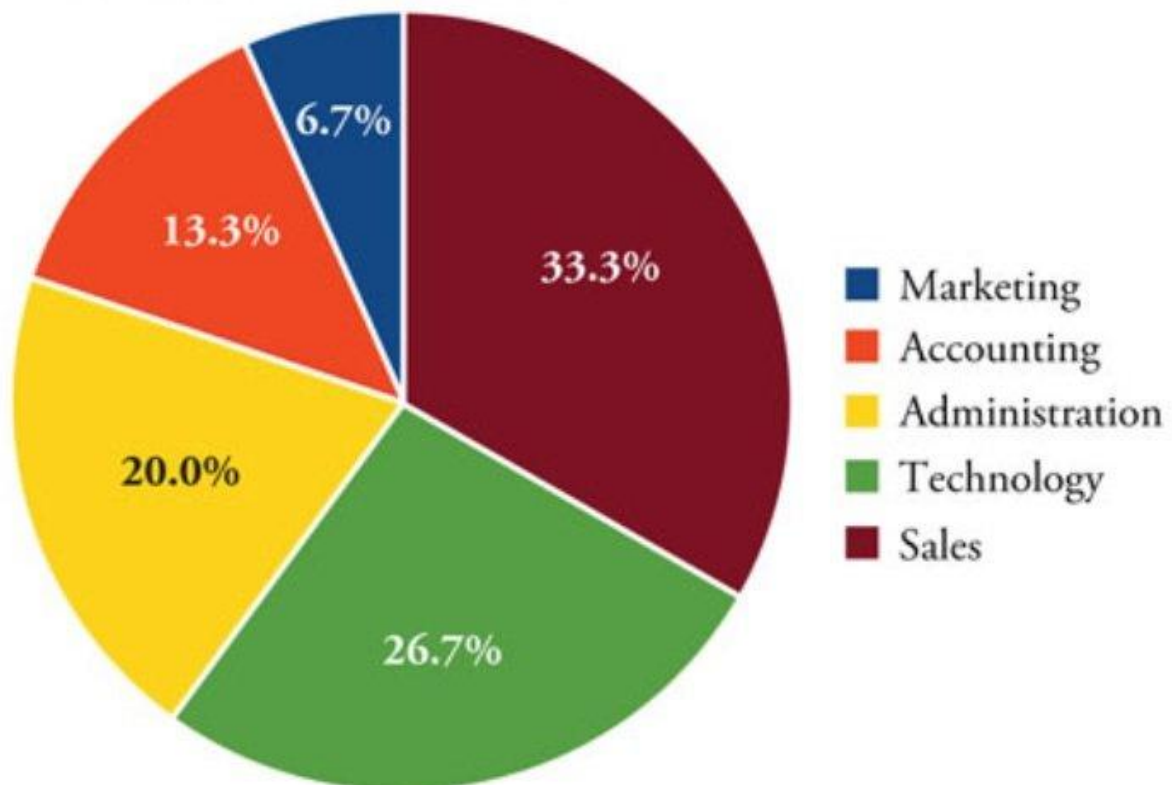
- A. positive
- B. negative
- C. zero

Generally speaking, the cooler the water _____.

- A. the more plankton there are.
- B. the fewer plankton there are.
- C. the smaller the water samples.
- D. the larger the water samples.

Question 5

Expenses for Biotechnology Company



The pie graph represents the proportions of a biotechnology company's expenses for its 5 departments during the company's most recent fiscal year. During that fiscal year, the company's total expenses were \$80,000.

Use the drop-down menus to fill in the blanks in each of the following statements based on the information given by the graph.

The ratio of Sales expenses to Administration expenses is approximately_____.

- A. 2 to 3
- B. 5 to 3
- C. 3 to 2

The company's Marketing Department expenses are approximately_____of the company's Technology Department expenses.

- A. 13.2%
- B. 17.6%
- C. 21.3%
- D. 25.1%