

Question 7 (Multiple Choice Worth 1 points)

(06.07 MC)

The graph shows the girth, in cm, of the trunk of an oak tree after different numbers of years:

Line joining ordered pairs 0, 7 and 1, 8.5 and 2, 10 and 3, 11.5 and 4, 13 and 5, 14.5

What does the y-intercept of the graph represent?

☐ The girth increases by 7 centimeters each year.

☐ The girth increases by 1.5 cm each year.

☐ The original girth was 1.5 cm.

☐ The original girth was 7 centimeters.

Question 8 (Multiple Choice Worth 1 points)

(06.07 MC)

The table below shows the values of y for different values of x:

x	5	7	9	10	11	12	13
y	3	0	-1	-6	3	8	-4

The correlation coefficient for the data is 0.0715. Which statement is true about the data in the table?

☐ There is a strong positive relationship between x and y.

☐ There is almost no relationship between x and y.

☐ There is a strong negative relationship between x and y.

☐ There is a weak negative relationship between x and y.