NAME

Module 19Analyzing Data and StatisticsLesson 4Finding a Line of Best Fit



Set 1

The table below compares the number of hours of training employees received and the corresponding number of injuries in a 10-year period.

Hours	Injuries
0	6
1	3
1	5
2	4
3	3
3	2
4	3
5	2
6	1
6	2

1. Make a scatter plot of the data.

2. Describe the relationship between the data.

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3. Use the points (0, 5) and (5, 2) to find an equation for the line of fit shown on the scatter plot which compares the number of hours of training and the number of injuries.



4. Predict the number of injuries a person would receive in 10 years after seven hours of safety training.



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