Reason About Scatter Plots

Grades 8-9 | Statistics | On grade level

Learner: _____ Date: _____

For each described data set, identify positive, negative, or no association. Then name one conclusion the data cannot prove.

Study time rises as quiz scores generally rise.

Answer: _____

Outdoor temperature rises as heating use falls.

Answer: _____

Shoe size and reading speed show no pattern.

Answer: _____

Screen time rises while sleep duration generally falls.

Answer: _____

Grown-up check: Positive; negative; none; negative. Association alone does not establish causation.

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