 Name _____ Date _____ Per _____

GRADE 8 MATH · CLASSWORK · SPECIAL ED

Interpret a Scatter Plot

SCORE / 25

01 Part A · Practice

Read a scatter plot from left to right: look for the association (positive, negative, none), clusters, gaps, and outliers.

EXAMPLE

A scatter plot of hours of practice and points scored rises from left to right; one player practiced 1 h and scored 20.

1. The points go up: positive association.
2. Most points follow the upward pattern.
3. (1, 20) is far from the others: an outlier.

WORDS TO KNOW

association	how two sets of data are related
outlier	a point far away from the other points
cluster	a group of points close together

1 ●○○

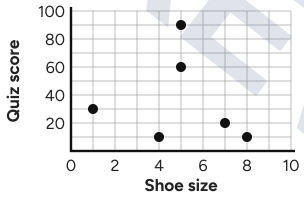
Without graphing: positive, negative, or no association? (4, 5), (5, 5), (6, 4), (7, 3)

HINT The points are in order of x. Do the y-values mostly go up, go down, or jump around?

2 ●○○

Does the plot show a positive, a negative, or no association?

HINT Read from left to right. Do the dots tend to go up, go down, or neither?



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Preview - the full worksheet and its answer key are at primeworksheet.com