GRADE 8 MATH · CLASSWORK · ADVANCED

Strength of Linear Associations

SCORE / 25

01 Part A · Practice

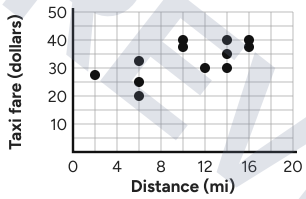
A linear association is strong when the points are close to the trend line and weak when they are spread out.

EXAMPLE

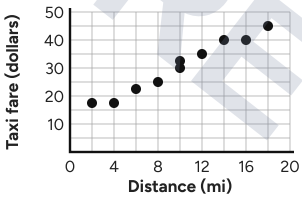
Points fall from left to right and are spread out around the trend line.

1. The trend line falls: negative.
2. Many points are far from the line: weak.
3. Weak negative association.

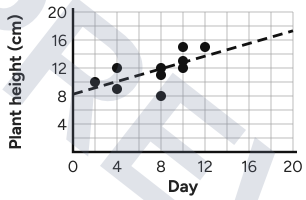
1 ●○○ Is there a linear association? If so, is it strong or weak, positive or negative?



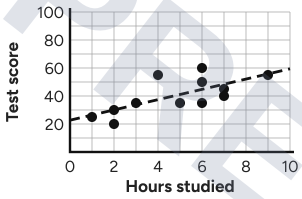
2 ●○○ Describe the association: is it strong or weak? positive or negative?



3 ●○○ Which point is farthest from the dashed trend line? Give its coordinates.



4 ●○○ Are the points close to the dashed trend line? Is the association strong or weak?



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