GRADE 8 MATH · CLASSWORK · SPECIAL ED

Construct a Scatter Plot

SCORE / 25

01 Part A · Practice

A scatter plot shows paired data as points (x, y); choose equal intervals so all the data fit on each axis.

EXAMPLE

Hours studied 1, 2, 4 **and scores** 60, 70, 85**. Make a scatter plot.**

1. Put hours on the x-axis (by 1) and score on the y-axis (by 10).
2. Write the pairs: (1, 60), (2, 70), (4, 85).
3. Plot each pair as a dot.

WORDS TO KNOW

scatter plot a graph of paired data shown as points
ordered pair (x, y): x first, then y
interval the equal step between labels on an axis

1 ●○○

Write the data in the table as ordered pairs (x, y) for a scatter plot.

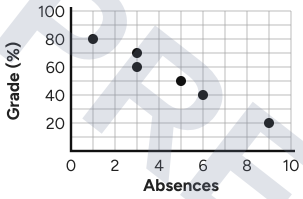
HINT The first row is x, the second row is y. Write (x, y) for each column.

Push-ups	10	15	25	30
Sit-ups	30	40	60	60

2 ●○○

In the scatter plot, one point has x-value 1. What is its y-value?

HINT Each square on the y-axis is 10. Count squares up to the point.



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