DO NOW

GRADE 8 · 5 MINUTES · START RIGHT AWAY

Lesson 4-1c # Construct and Interpret a Scatter Plot

Name _____ Date _____ Per _____

1 FLUENCY

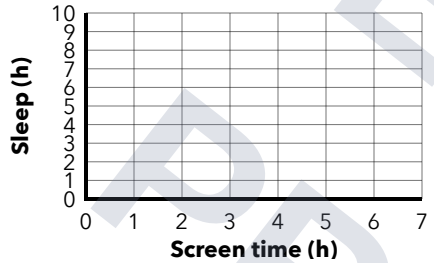
A car's value (in $1,000s) by age (years): 1 → 24, 3 → 18, 5 → 13, 7 → 9.

Point for the 5-year-old car: (☐ , ☐)

As age increases, value **increases** or **decreases**

2 VISUAL MODEL

Plot (screen time, hours of sleep): (1, 9), (2, 9), (3, 8), (4, 7), (5, 7), (6, 6). Then describe the pattern.



More screen time goes with **more** or **less** sleep.

3 APPLICATION

Five players practiced and then shot 20 free throws: (hours practiced, shots made) = (1, 6), (2, 8), (3, 11), (4, 12), (5, 15). How many players made more than half their shots?

Players: ☐

More practice goes with more shots? **Yes** or **No**

4 REASONING

Which data set would NOT make a scatter plot?

A. students' heights and arm spans

B. students' favorite colors

C. temperatures and ice-cream sales

D. ages and values of cars

*We don't divide our effort, we **multiply** it!*

✎ Show your work ✓ Check your work ★ Try your best

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