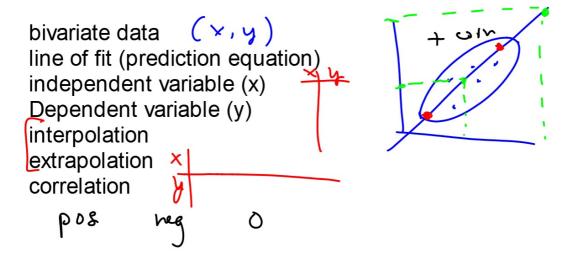
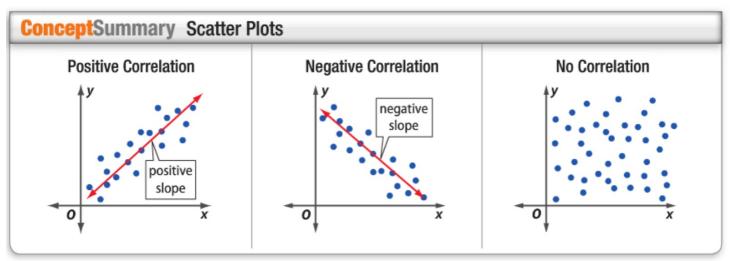
Algebra 1 4.5
Investigate relationships between quantities by using scatterplots
Use lines of fit to make and evaluate predictions



Activity: Ht vs wingspan



As x increases, y increases

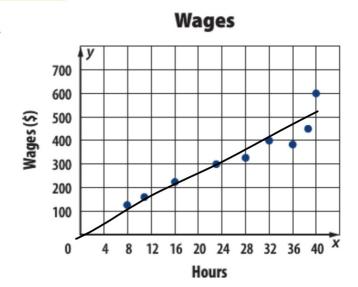
As x decreases, y decreases

x and y are not related

Real-World Example 1 Evaluate a Correlation

WAGES Determine whether the graph shows a positive, negative, or no correlation. If there is a positive or negative correlation, describe its meaning in the situation.

"It goes up" is not the kind of answer I am looking for.



Write equation

1. Refer to the graph on international travel. Determine whether the graph shows a *positive*, *negative*, or *no* correlation. If there is a positive or negative correlation, describe its meaning.

