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

bivariate data
line of fit (prediction equation) independent variable (x)
Dependent variable (y)
interpolation prediction
extrapolation
correlation

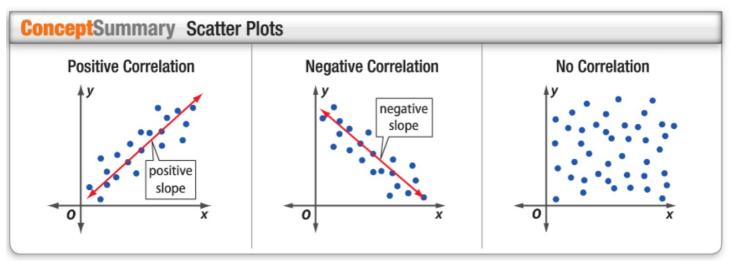
A.5

Investigate relationships between quantities by using scatterplots

Vikings:

9/15 (San Francisco) 23
9/22 (Houston) 34

Activity: Ht vs wingspan: measurements



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 signation.

pos.

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

Write equation -367.2

