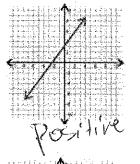
Date:

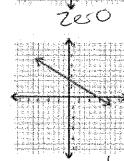
Period:

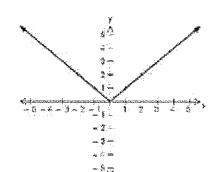
1. Identify the type of slope of the following graphs. 2. Find the domain and range of the graph.



Un defined





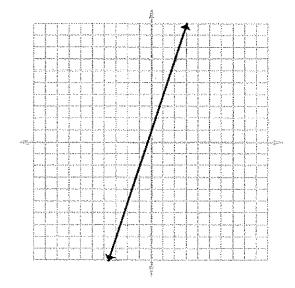


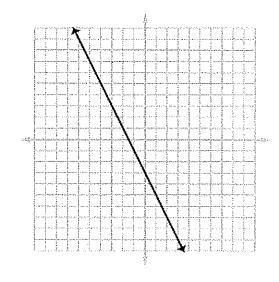
Domain:

allreal numbers Range:

y ≥ 0

3&4. Choose which equation best represents the following graphs.





A. y = 3x + 1

B. y = -3x + 1

 \mathbf{C} , $\mathbf{y} = 3x - 1$

D. y = -3x - 1

A. y = 2x + 3

B. y = -2x + 3

C. y = -2x - 3

D. y = 2x - 3

Name:

Date:

Unit 11_1, Day 1 Notes

Period:

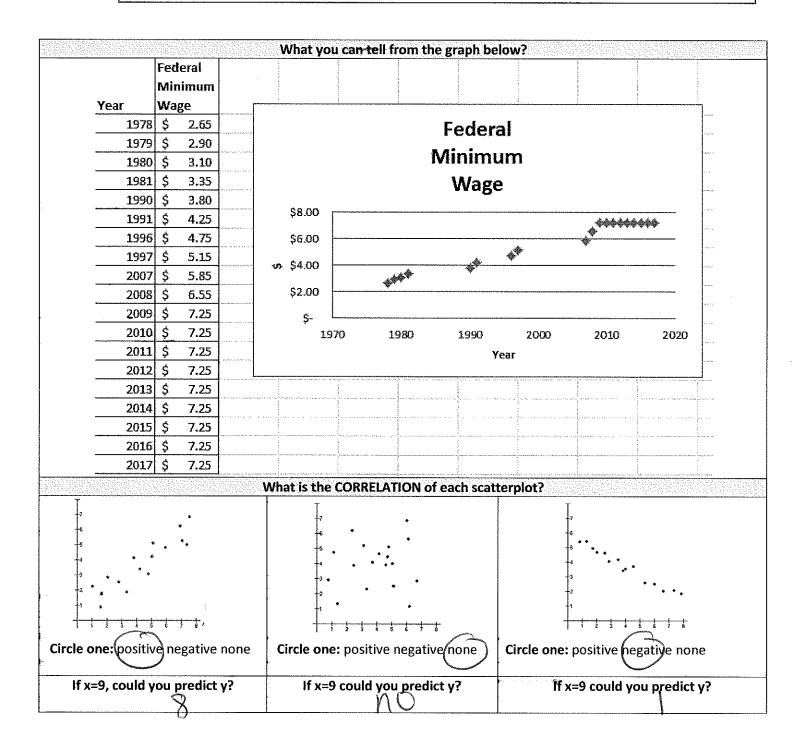


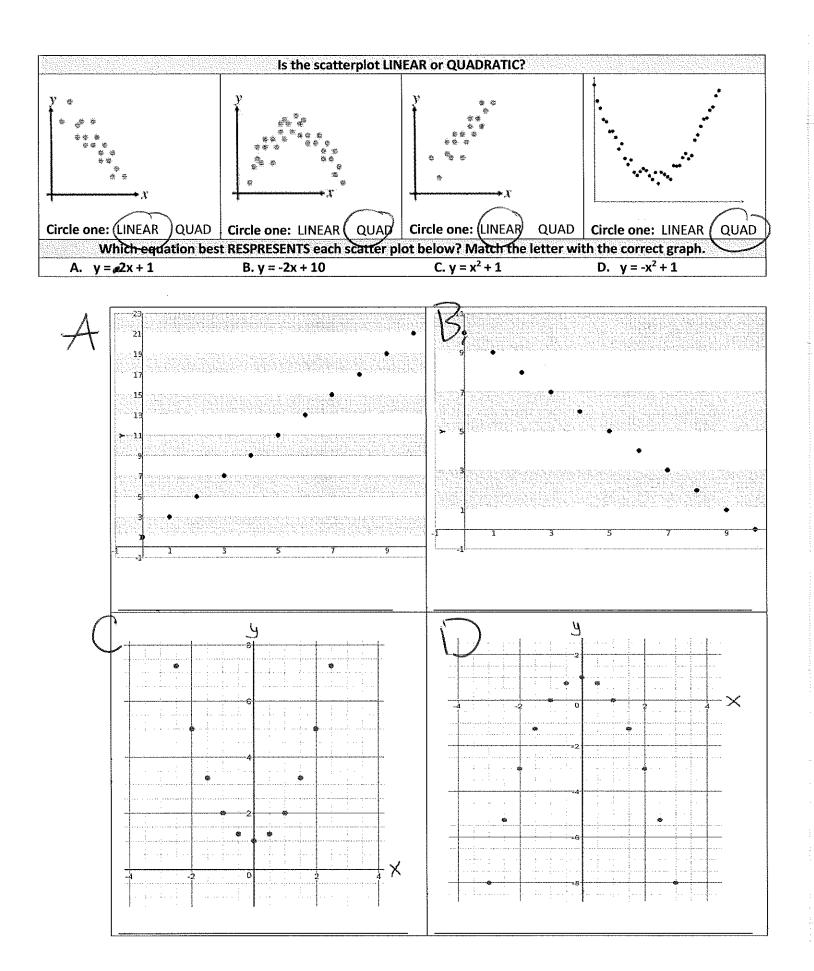
Learning Targets

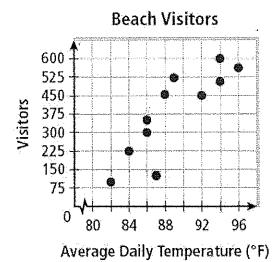
- > I can tell if a scatterplot represents a line or a quadratic
- I can match scatterplots to equations of lines
- > I can predict a value from a scatterplot

Vocabulary (or properties or formulas)

Scatterplot Predict Represents





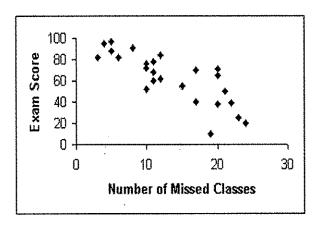


What is the correlation of this data?

If the temperature is 98°, what is the best prediction for visitors?

675

If the number of visitors was 400, what is the best prediction for temperature?

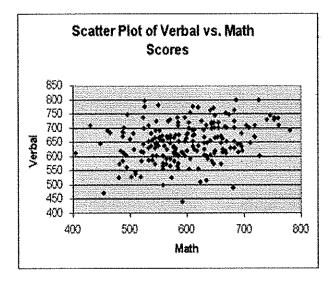


What is the correlation of this data?

negative

If a student misses 15 classes, what is the best prediction for their exam score?

If a student's exam score was 99, what is the best prediction for the number of missed classes?



What is the correlation of this data?

nothing

If the student's math score is 600, what is the best prediction for their verbal score?

h O

If the student's verbal score is 700, what is the best prediction for their math score?



Name:

Date:

Unit 11, Day 1 Activity

Period:

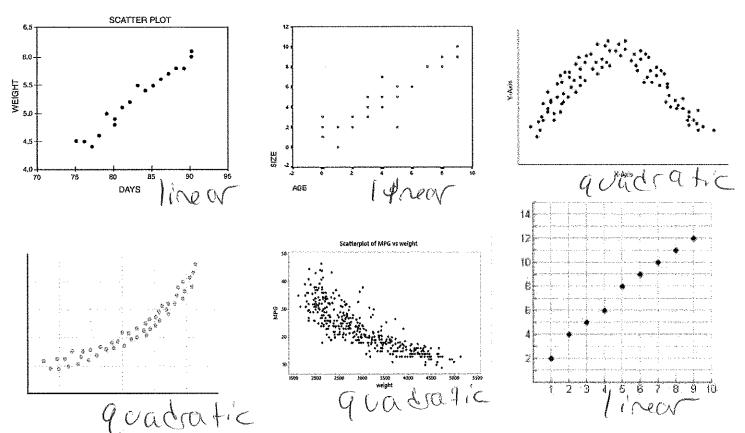


Learning Targets

- > I can tell if a scatterplot represents a line or a quadratic
- > I can match scatterplots to equations of lines
- > I can predict a value from a scatterplot

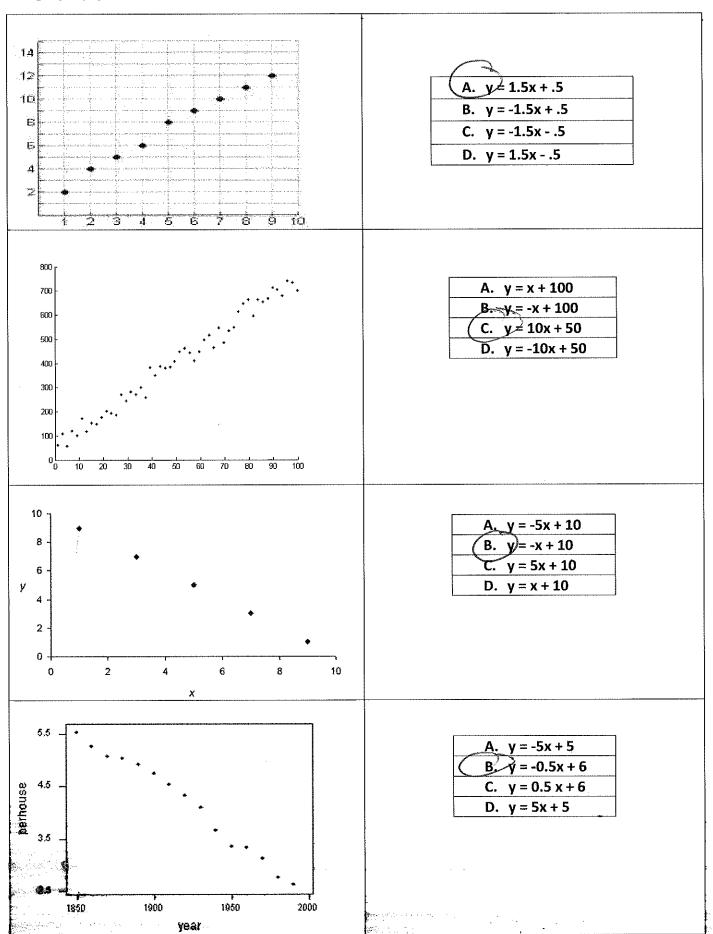
You will need to earn at least 20 points to successfully complete this activity. You must pick at least one question from each category. Write your answers on a separate sheet of paper.

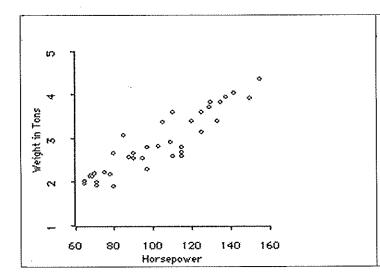
Category A (1 point each): Determine if the relation is linear or quadratic.



,

Category B (2 points each): Determine which line best matches the graph.

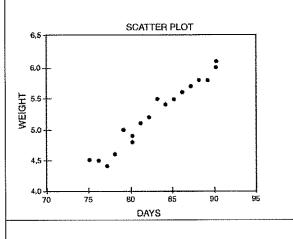




A.
$$y = -x + 1.8$$

B. $y = -x - 1.8$
C. $y = x + 1.8$
D. $y = x - 1.8$

Category C (3 points each): Find the best prediction using the data and the given value.

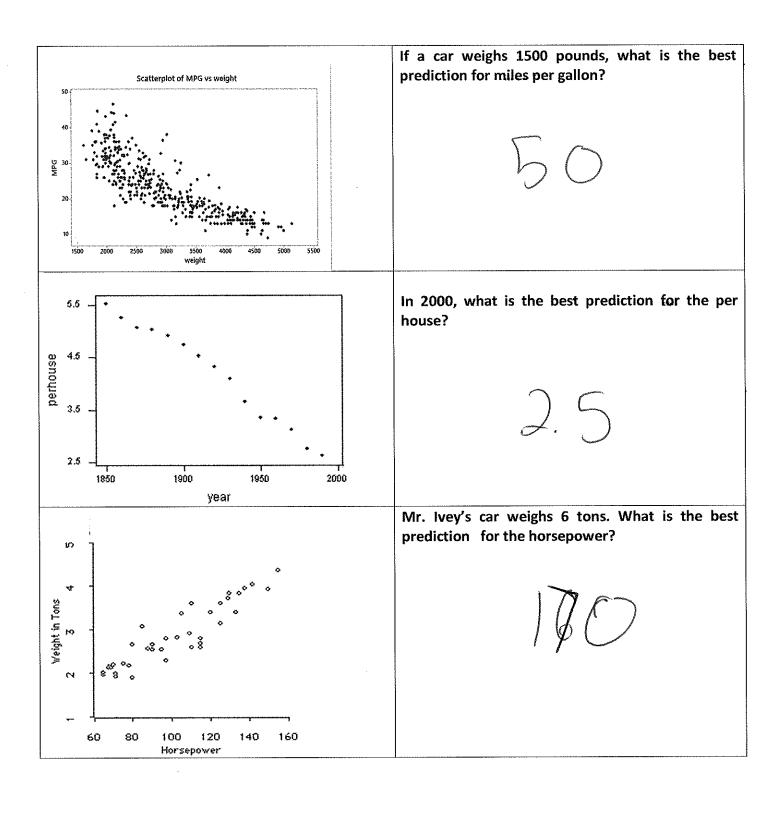


What is the best prediction for the weight at 72 days?



The size of the object is 12. What is the best prediction for the age?

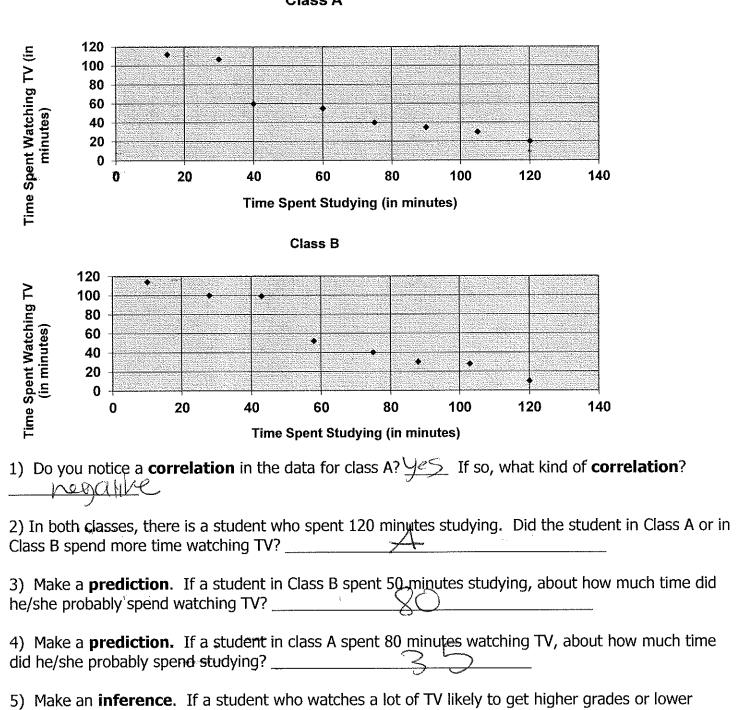




		mad I
Name	Date	Block
1 AGI 1 1 C	Date	DIOCK

Use the scatter plots below to answer the following questions.

Time Spent Watching TV compared to Time Spent Studying Class A



16 west

grades than a student who watches very little TV? Explain your answer.

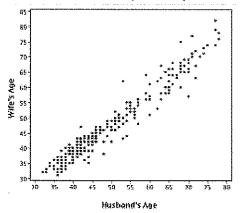
Name:

Unit 11, Day 1 Exit Ticket

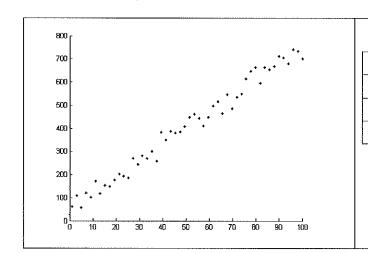
Date:

Period:

1. Does the scatterplot represent a line or a curve?



2. Which equation best matches the following scatterplot?



A. y = -10x + 50B. y = 10x + 50C. y = 10x

D. y = x + 50

3. Enrique owns an ice cream store and looks at the sales on a day where it was 90°. What is the best prediction for his sales?

