

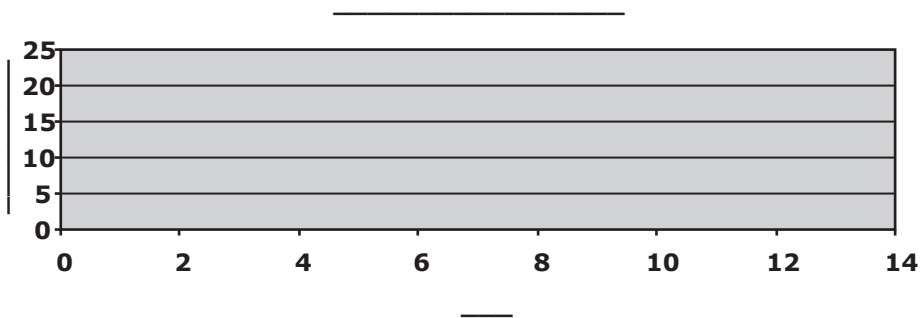
LESSON 34: Create and Interpret a Scatter Plot

Homework

Directions: Use the data in Problem 1 to make a scatter plot. Use the scatter plot to answer Questions 2–5.

- Barry asked the children in his neighborhood how much money they got each week for allowance.

Age	5	8	7	10	6	10	11	8	9	12
Allowance	5	7	5	15	8	12	10	10	12	20

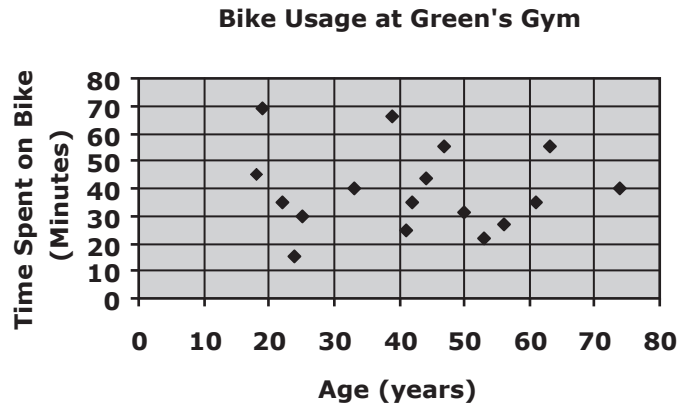


- What type of association is there between a child’s age, and their allowance?
- A child moves into Barry’s neighborhood, and is 14 years old. According to the scatter plot, about how much money should the child get for allowance?
- Another child moves into the neighborhood that is four years old. According to the scatter plot, about how much money should they get for allowance?
- Does this scatter plot represent a linear association? Explain your thinking.

LESSON 34: Create and Interpret a Scatter Plot

Homework

Directions: Use the scatter plot below to answer Questions 6–10.



6. How long did the person who is 33 spend on the bike?
7. Is there an association between the age of the person riding the bike and the amount of time they spent on the bike?
8. What is the most amount of time that a person spent riding the bike?
9. How long did the oldest person on the bike ride?
10. Does this scatter plot represent a linear association? Explain your thinking.