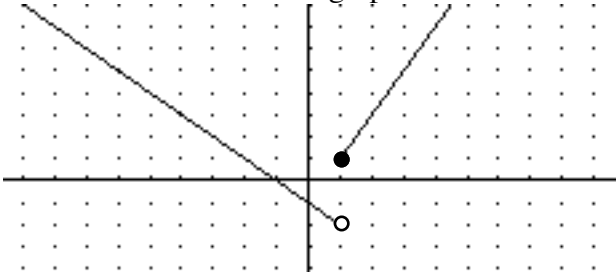


- $f(x) = |x + 5| - 2$ Identify the parent function and describe the transformation.
- $f(x) = \sqrt{36 - x^2}$ First, write the Domain, then write the range both using interval notation.
- First state whether $f(x) = 7x - 4$ is or is not one to one, then prove your conclusion by the definition.
- Write the inverse function of $f(x) = 9x - 7$

5. Write the linear regression equation for the data accurate to 3 decimal places.

x	5	7	8	10	12	14	17	20
y	2	5	10	20	14	13	15	22

- Write the Coefficient of Correlation Accurate to 5-Decimal Places
- Find the value of y when $x = 4567$ accurate to 5 decimal places.
- Write the function for the graph: whose domain is $(-\infty, \infty)$



- $f(x) = x^2 + x - 6$ Prove that $f(x)$ is or is not a one-to-one function
- Apply the difference Quotient to $f(x) = 3x^2 - 2x + 4$ and completely simplify.
- Write the function for the graph whose domain is $(-\infty, \infty)$

