

Algebra 2
Warm Up Day 4

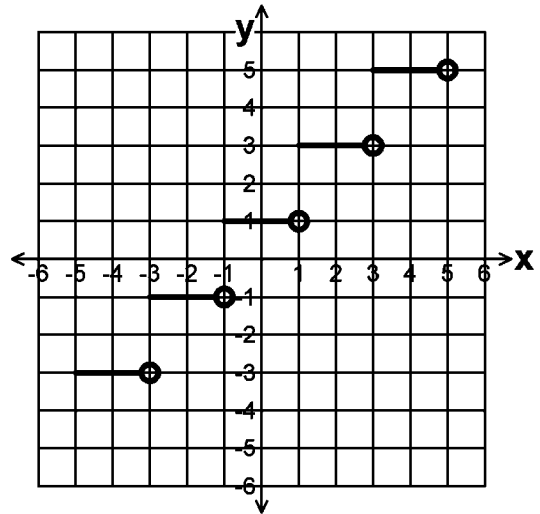
Name _____

Date _____

1. What is the range of the given function?

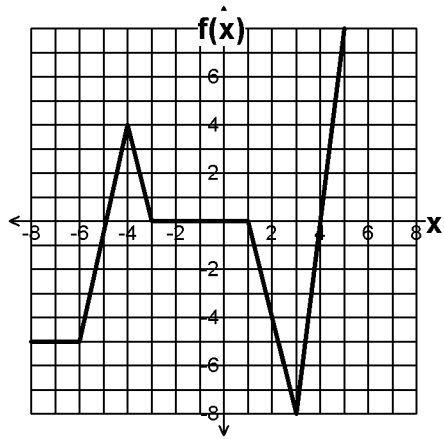
$$\{(1, 2), (2, 4), (3, 6), (4, 8), (5, 10)\}$$

- a) $\{2, 4, 6, 8, 10\}$
- b) $\{1, 2, 3, 4, 5\}$
- c) $\{6, 7, 8, 9, 10\}$
- d) $\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$
- e) all real numbers



3. The figure above shows the graph of function f . Which value is in the range of function f ?

- a) -3.5
- b) -2
- c) 0
- d) 1
- e) 2



2. The figure above shows the graph of function f . What is the range of function f ?

- a) $f(x) \geq -8$
- b) $-8 \leq f(x) \leq 8$
- c) $-8 \leq f(x) \leq 5$
- d) $-5 \leq x \leq 5$
- e) all real numbers

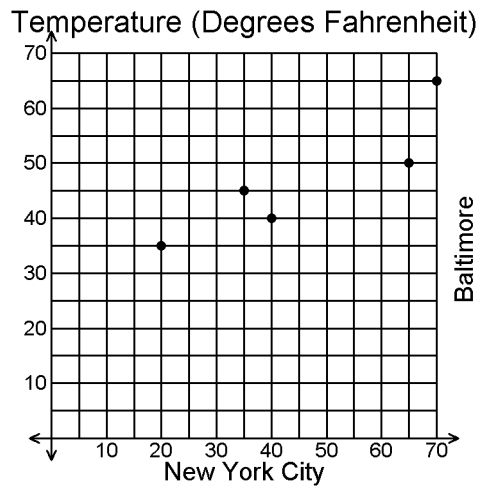
4. If $\sqrt{x+6} = 5$, then $x =$

- a) -11
- b) -1
- c) 11
- d) 19
- e) no solution

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5. The scatterplot above compares average daily temperatures for Baltimore and New York for five separate days. What is the temperature's arithmetic mean for Baltimore over the five days?
- a) 42 b) 46 c) 47 d) 48 e) 50

- | | |
|-----------|----------------|
| 1. | |
| Answer: | a |
| CodePath: | EAS.SAT.G.C.7 |
| 2. | |
| Answer: | b |
| CodePath: | EAS.SAT.G.C.18 |
| 3. | |
| Answer: | d |
| CodePath: | EAS.SAT.G.C.32 |
| 4. | |
| Answer: | d |
| CodePath: | EAS.SAT.F.C.1 |
| 5. | |
| Answer: | c |
| CodePath: | EAS.SAT.E.D.4 |