

Warm Up 4.4

1. What is an absolute value function?

What does it look like on the graph? How would you write the function?

2. Create an absolute value function that has a vertex at $(-5, 2)$ and looks like a mountain peak.

3. Create the graph for

$$f(x) = 3|x-2| + 4$$

4. How do absolute value functions relate to linear functions?

5. How do absolute value functions relate to quadratic functions?

