

**guided practice**

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Module 9** Using Functions  
**Lesson 2** Evaluating Functions

**Set 1**

1. In the set of ordered pairs  $\{(2, 4), (-1, 3), (-4, 0), (3, 6)\}$  what output is associated with an input of 3?  
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2. In the set of ordered pairs  $\{(2, 4), (-1, 3), (-4, 0), (3, 6)\}$  what output is associated with an input of  $-1$ ?  
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3. In the set of ordered pairs  $\{(2, 4), (-1, 3), (-4, 0), (3, 6)\}$  what input is associated with an output of 6?  
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4. In the set of ordered pairs  $\{(2, 4), (-1, 3), (-4, 0), (3, 6)\}$  what input is associated with an output of 0?  
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**Set 2**

1. Evaluate  $g(-1)$  if  $g(x) = \sqrt{x + 10} - 3x$ .  
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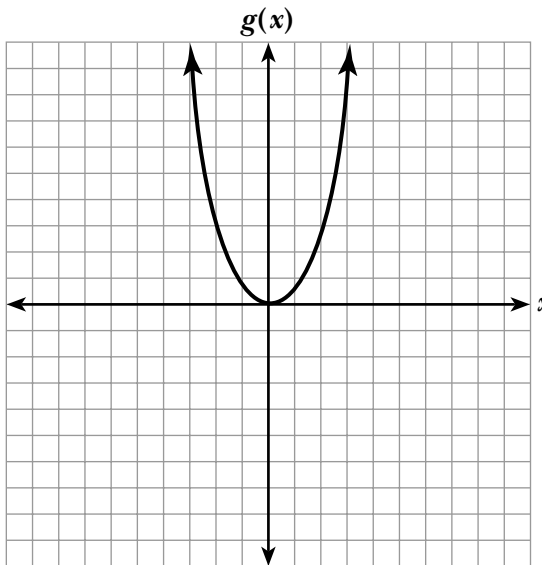
2. Evaluate  $r(4)$  if  $r(z) = z^2 - 2z + 1$ .  
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3. Evaluate  $g(3)$  if  $g(x) = -15$ .  
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4. Evaluate  $h(-5)$  if  $h(x) = \frac{3}{x - 1}$ .  
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**Set 3**

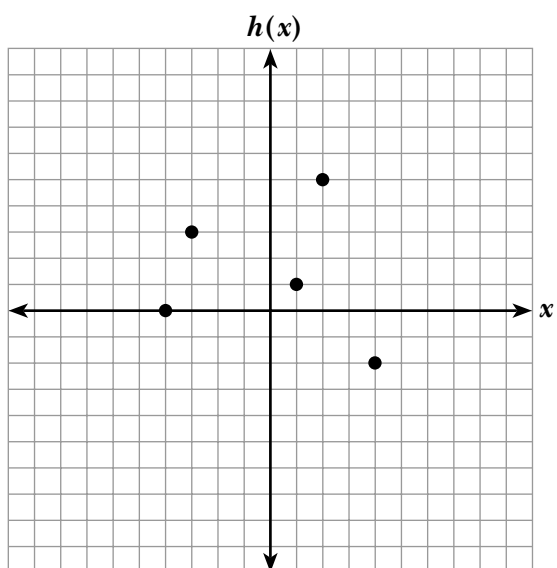
1. Use the graph of  $g(x)$  to find  $g(-1)$ .



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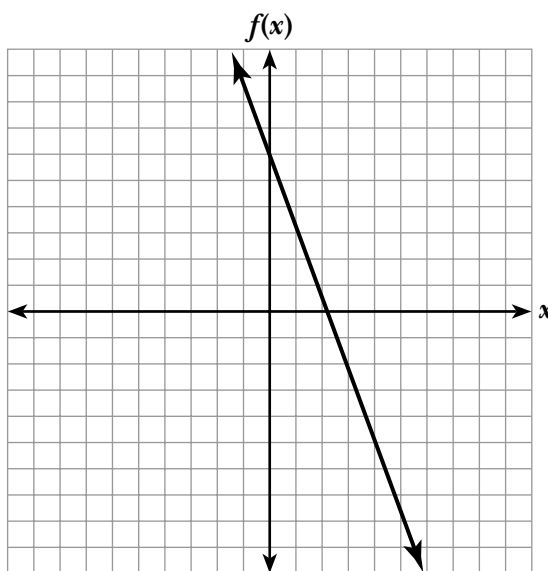


2. Use the graph of  $h(x)$  to find  $h(2)$ .




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3. Use the graph of  $f(x)$  to find  $f(1)$ . Then write the equation of the line using function notation.




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