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**2-19.** What shape will the graph of *y* = *x*2 + 2  be?  How can you tell?  Justify your prediction by making a table and graphing *y* = *x*2 + 2 on graph paper.

**2-20.** Evaluate each expression for *x* = −2 and *y*= −5.

* 1. 1 − 2*x*+ 3*y b. *

c.  d. 

**2-22.** Figure 2 of a tile pattern is shown at right.  If the pattern grows linearly and if Figure 5 has 15 tiles, then find a rule for the pattern.

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**2-23.** Find the output for the relation with the given input.  If there is no possible output for the given input, explain why not.

**2-24.** Find the slope of the line shown on the graph below.