

Quiz Graphing Quadratic Functions

1-8. Choose the function rule that matches the graph. Put the letter in the blank.

A) $y = x^2$

E) $y = 2(x - 1)^2$

B) $y = x^2 + 3$

F) $y = -2x^2 + 4$

C) $y = \frac{1}{2}(x - 2)^2 + 3$

G) $y = -2(x + 3)^2 + 2$

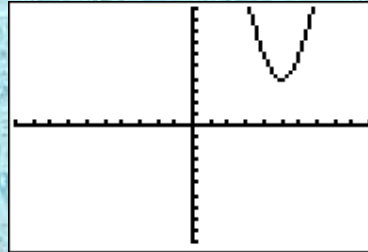
D) $y = 2(x - 5)^2 + 4$

H) $y = (x + 5)^2 - 1$

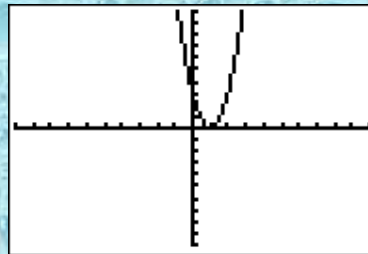
9) Which of the **graphs** above is the parent graph for quadratic functions?

10) How many graphs have a negative slope? _____

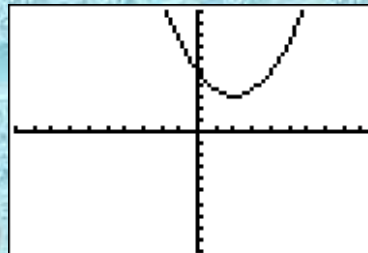
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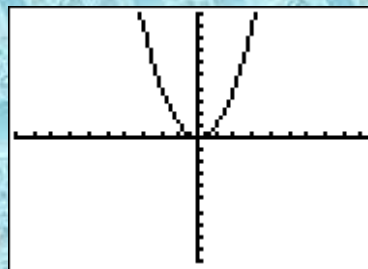
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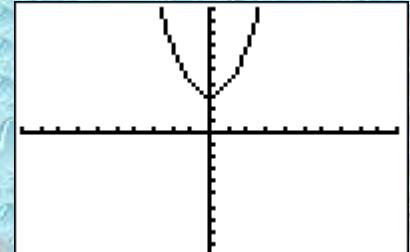
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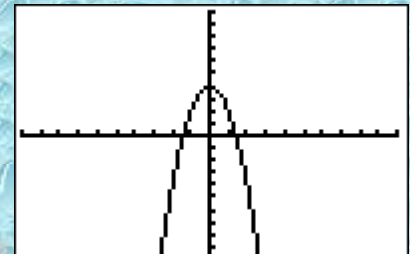
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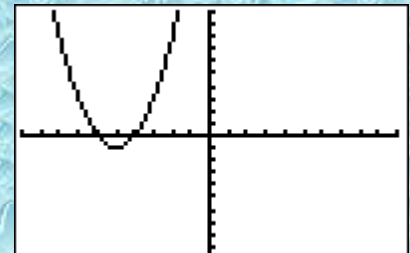
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6.



7.



8.

