

1

What is the value of "a" in the following equation?

$$y = 2x^2 - 4x - 6$$

- a. -6 (turn right)
- b. -4 (turn left)
- c. 2 (turn left)

MM1A3 (a)

2

What is the equation of the line of symmetry for the parabola given by the equation $y = x^2 + 6x - 14$.

- a. $x = -6$ (turn right)
- b. $x = 6$ (turn left)
- c. $x = 3$ (turn right)
- d. $x = -3$ (turn left)

MM1A1 (h)

3

What is the minimum value of the graph of .

$$y = 4x^2 + 32$$

- a. 32 (turn left)
- b. -32 (turn right) MM1A1 (d)
- c. 4 (turn right)

Name: _____

4

:Simplify:

$$-\sqrt{16} =$$

- a. No real solution (turn left)
- b. -4 (turn right)
- c. 4 (turn right)

MM1 A2 (a)

5

If $g(x) = -6x^2 - 8x$; find $g(-3)$

- a. -30 (turn right)
- b. 78 (turn left) MM1A1 (a and e)
- c. -78 (turn left)

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