

# Example 3 + up/down test

image.png

## up/down test

- opens upwards because a is Positive
- opens downward because a is Negative

## Example 3

1. a)  $y = x^2 + 3x + 4$ 
  - opens upwards because a is Positive
2. b)  $y = -3x^2 + 5x$ 
  - opens downward because a is Negative
3. c)  $y = 2x - x^2 + 6$ 
  - opens downward because a is Negative

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Revision #2

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