

Identify coefficients

1

What does this algebra term mean?

$$2z$$

A

$$2 + z$$

B

$$2 \times z$$

C

$$2 - z$$

D

$$2^z$$

2

Four times n

A

$$4n$$

B

$$\frac{n}{4}$$

C

$$4 - n$$

D

$$n + 4$$

3What is the value of this equation when $z=4$, $b=3$

$$5z + 3b$$

A

$$89$$

B

$$24$$

C

$$-80$$

D

$$53$$

E

$$29z$$

F

$$29$$

4

What are the values of a, b, and c in the quadratic formula, given this equation?

$$y = 2x^2 + 1$$

A

$$\begin{aligned} a &= 0 \\ b &= 2 \\ c &= 1 \end{aligned}$$

B

$$\begin{aligned} a &= 1 \\ b &= 0 \\ c &= 2 \end{aligned}$$

C

$$\begin{aligned} a &= 2 \\ b &= 0 \\ c &= 1 \end{aligned}$$

5

What are the values of a, b, and c in the quadratic formula, given this equation?

$$y = -5x^2 + 2x - 2$$

A

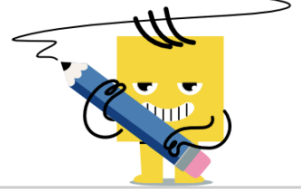
$$\begin{aligned} a &= -2 \\ b &= 2 \\ c &= -5 \end{aligned}$$

B

$$\begin{aligned} a &= 2 \\ b &= -5 \\ c &= -2 \end{aligned}$$

C

$$\begin{aligned} a &= -5 \\ b &= 2 \\ c &= -2 \end{aligned}$$

**Identify coefficients****6**What are the values of a , b , and c in the quadratic formula, given this equation and the standard form?

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

standard form:

$$y = ax^2 + bx + c$$

A

$$a = -4$$

$$b = 1$$

$$c = -2$$

B

$$a = 1$$

$$b = -4$$

$$c = -2$$

7What are the values of a , b , and c in the quadratic formula, given this equation and the standard form?

$$y = 2x^2 - 3x + 3$$

standard form:

$$y = ax^2 + bx + c$$

A

$$a = 3$$

$$b = -3$$

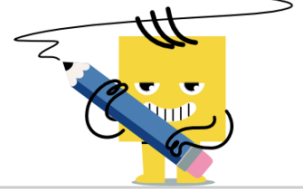
$$c = 2$$

B

$$a = 2$$

$$b = -3$$

$$c = 3$$

**Identify coefficients****8**

What are the values of a , b , and c in the quadratic formula, given this equation?

$$y = -4x^2 + 3x - 1$$

A

$$\begin{aligned} a &= -4 \\ b &= 3 \\ c &= -1 \end{aligned}$$

B

$$\begin{aligned} a &= 3 \\ b &= -4 \\ c &= -1 \end{aligned}$$

C

$$\begin{aligned} a &= -1 \\ b &= 3 \\ c &= -4 \end{aligned}$$

9

What are the values of a , b , and c in the quadratic formula, given this equation?

$$y = -2x^2 + x - 5$$

A

$$\begin{aligned} a &= 1 \\ b &= -2 \\ c &= -5 \end{aligned}$$

B

$$\begin{aligned} a &= -2 \\ b &= 1 \\ c &= -5 \end{aligned}$$

C

$$\begin{aligned} a &= -5 \\ b &= 1 \\ c &= -2 \end{aligned}$$

10

What are the values of a , b , and c in the quadratic formula, given this equation and the standard form?

$$y = -x^2 - 3$$

standard form:

$$y = ax^2 + bx + c$$

A

$$\begin{aligned} a &= 0 \\ b &= -1 \\ c &= -3 \end{aligned}$$

B

$$\begin{aligned} a &= -1 \\ b &= 0 \\ c &= -3 \end{aligned}$$