

Quadratic Graphs (parabolas) are curves and NOT (not) straight lines

Given a is 3, b is 4 and c is -2 find:

- (1) $2c$
- (2) $c^2 + b$
- (3) $-b^2 + 2b - a$



Quadratic Graphs (parabolas) are curves and NOT (not) straight lines

Given a is 3, b is 4 and c is -2 find:

- (4) $2c$
- (5) $c^2 + b$
- (6) $-b^2 + 2b - a$



Quadratic Graphs (parabolas) are curves and NOT (not) straight lines

Given a is 3, b is 4 and c is -2 find:

- (7) $2c$
- (8) $c^2 + b$
- (9) $-b^2 + 2b - a$



(a) Complete the table for $y = x^2 - 3x - 10$

x	-2	-1	0	1	2	3	4	5
y								

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

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- (b) Plot the curve
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(a) Complete the table for $y = x^2 - x - 12$

x	-4	-3	-2	-1	0	1	2	3	4	5
y										

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

(a) Complete the table for $y = x^2 - x - 12$

x	-4	-3	-2	-1	0	1	2	3	4	5
y										

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

(a) Complete the table for $y = x^2 - x - 12$

x	-4	-3	-2	-1	0	1	2	3	4	5
y										

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

(a) Complete the table for $y = -x^2 - 2x + 8$

x	-4	-3	-2	-1	0	1	2	3	4	5
y										

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

(a) Complete the table for $y = -x^2 - 2x + 8$

x	-4	-3	-2	-1	0	1	2	3	4	5
y										

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

(a) Complete the table for $y = -x^2 - 2x + 8$

x	-4	-3	-2	-1	0	1	2	3	4	5
y										

- (b) Plot the curve
- (c) Use the graph to state the values of x when $y = 0$

(a) Complete the table for $y = 3x^2 - 2x - 8$

x	-5	-4	-3	-2	-1	0	1	2	3
y									

- (b) Plot the curve
- (c) State the values of x when $y = 0$

(a) Complete the table for $y = 3x^2 - 2x - 8$

x	-5	-4	-3	-2	-1	0	1	2	3
y									

- (b) Plot the curve
- (c) State the values of x when $y = 0$

(a) Complete the table for $y = 3x^2 - 2x - 8$

x	-5	-4	-3	-2	-1	0	1	2	3
y									

- (b) Plot the curve
- (c) State the values of x when $y = 0$