

Maths

Draw Quadratic Graphs (Negative x^2)

Miss Davies



Plot quadratic equations

1. Complete the table of values for $y = -x^2$

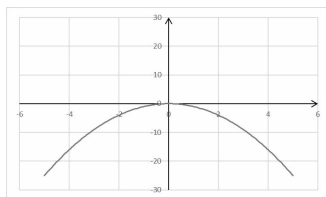
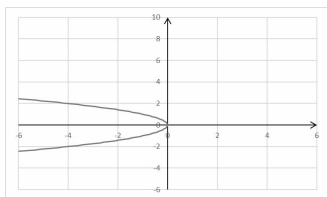
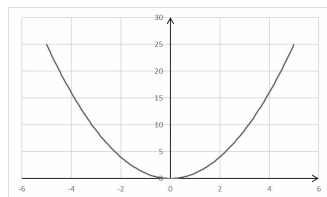
x				0	1	2	3
y							

2. Which graph shows $y = -x^2$?

A

B

C



3. a) Complete the table of values for $y = -2x^2 - 3x$

x				0	0.5	1	1.5
y							

- b) Plot the curve $y = -2x^2 - 3x$



Answers



Plot quadratic equations

1. Complete the table of values for $y = -x^2$

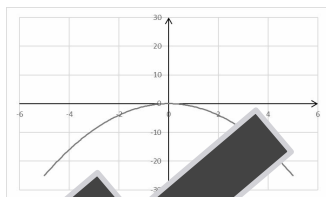
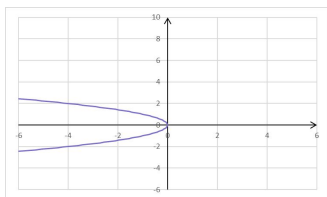
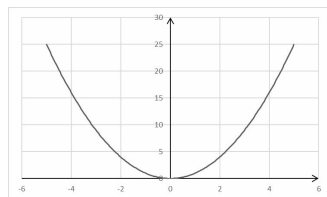
x				0	1	2	3
y	-9	-4		0	-1	-4	-9

2. Which graph shows $y = -x^2$?

A

B

C



3. a) Complete the table of values for $y = -2x^2 - 3x$

x				0	0.5	1	1.5
y	0	1	1	0	-2	-5	-9

- b) Plot the curve $y = -2x^2 - 3x$

