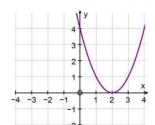


New Maths GCSE: A11 - Sketching Quadratic Graphs in Factorised Form

Name:	Date:
What could the equation of this curve be? A) $y = (x + 1)(x + 2)$ B) $y = (x - 1)(x - 2)$ C) $y = (x + 1)(x - 2)$ D) $y = (x - 1)(x + 2)$ Autograph	Correct Answer: A B C D Explanation:
What could the equation of this curve be? A) $y = x(x + 3)$ B) $y = x(x - 3)$ C) $y = x(x + 1.5)$ D) $y = -x(x - 3)$ Autograph	Correct Answer: A B C D Explanation:
What could the equation of this curve be? A) $y = (x - 1)(x + 2)$ B) $y = (x + 1)(x - 2)$ C) $y = (1 - x)(x + 2)$ D) $y = (2 - x)(x + 1)$ Designed using: Autograph	Correct Answer: A B C D Explanation:

What could the equation of this curve be?



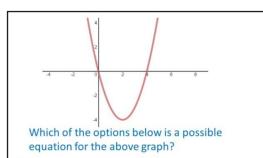
- A) $y = x^2 + 4$
- B) $y = x^2 + 4x + 4$
- C) $y = x^2 4x + 4$
 - D) $y = x^2 2x$

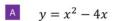
Autograph

Correct Answer: A B C D

Explanation:



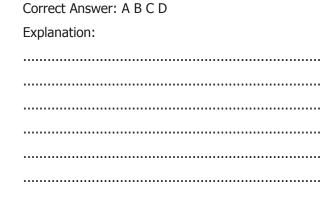


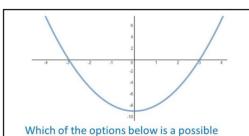


B
$$y = x^3 - 4$$

$$v = x^2 - 4$$

$$y = x^3 + 4$$



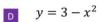


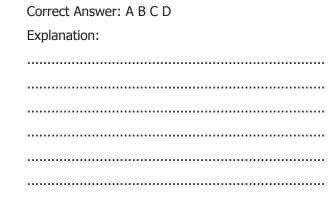
Which of the options below is a possible equation for the above graph?

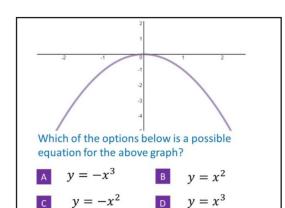
A
$$y = x^2 - 3$$

B
$$y = x^3 - 9$$

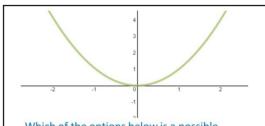
$$y = x^2 - 9$$





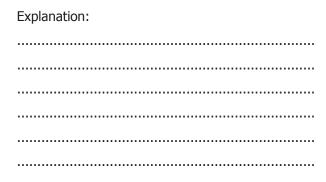


Correct Answer: A B C D
Explanation:

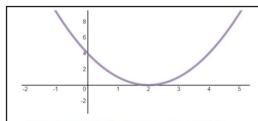


Which of the options below is a possible equation for the above graph?

- A $y = x^3$
- $y = x^2$
- y = 1/x
- y = x

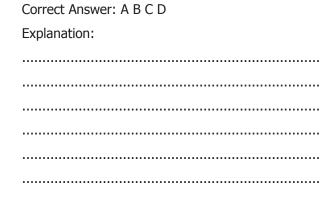


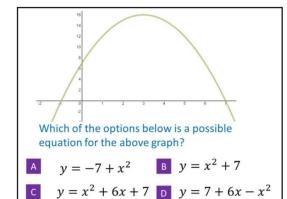
Correct Answer: A B C D



Which of the options below is a possible equation for the above graph?

- $y = (x+2)^2$
- B $y = x^2 + 2$
- $y = x^2 + 4$
- $y = (x-2)^2$





Correct Answer: A B C D	
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Explanation:	