Pick a card...

Quadratics of the form $f(x) = ax^2 + bx + c$

(1)

$$f(x) = \dots$$

(Function in form $ax^2 + bx + c$)

(2)

Graph of y = f(x)

(3)

The graph crosses the axes at $x = \dots$, $x = \dots$ and $y = \dots$

4

$$f(0) = ...$$

$$f(1) = ...$$

$$f(2) = ...$$

(5)

$$f(x) = \dots (x \dots)^2 \dots$$

(Function in completed square form)

(6)

Theest point on the graph is (\ldots,\ldots) .

The intercept on the *y*-axis is

7

х	-3	-2	-1	0	1	2	3
у							

(8)

The solution(s) of f(x) = 0 is/are ...

$$f(-2) = ...$$

9

$$f(x) = (\dots)(\dots)$$

(Function in fully factorised form)

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