Pick a card...



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

(1)

$$f(x) = \dots$$

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

2

Graph of y = f(x)

(3)

The graph crosses the axes at x =, x = and y =

4

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

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

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

(5)

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

(Function in completed square form)

(6)

The lowest point on the graph is (.....).

(7)

| x | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
|---|----|----|----|---|---|---|---|
| У | | | | | | | |

(8)

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

9

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

(Function in fully factorised form)

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