Pick a card...
Quadratics of the form $f(x)=a x^{2}+b x+c$


## (4)

$$
\begin{aligned}
& f(0)=\ldots \\
& f(1)=\ldots \\
& f(2)=\ldots
\end{aligned}
$$

## (7)

| $x$ | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $y$ |  |  |  |  |  |  |  |


(5)

$$
f(x)=\ldots(x \ldots \ldots \ldots)^{2} \ldots \ldots \ldots
$$

(Function in completed square form)
(8)

The solution(s) of $f(x)=0$ is/are $\ldots$

$$
f(-2)=\ldots
$$

## (3)

The graph crosses the axes at $x=$ $\qquad$
$x=\ldots \ldots$. and $y=\ldots \ldots$.

## (6)

The ......est point on the graph is

$$
(\ldots \ldots, \ldots . . .) .
$$

The intercept on the $y$-axis is $\qquad$
(9)

$$
f(x)=(\ldots \ldots \ldots)(\ldots \ldots \ldots)
$$

(Function in fully factorised form)

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