$\qquad$

## Fun Multiple Graphs

I. For each of the below graphs (A-through-E), fill in the below table.

You CAN use your calculator to verify your graphs and results.


| Graph | Zeros | Vertex | Write as <br> $a(x-h)^{2}+k$ | Write as factored form <br> $a\left(x-x_{1}\right)\left(x-x_{2}\right)$ | y-intercept <br> (Calculate) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| A |  |  |  |  |  |
| B |  |  |  |  |  |
| C |  |  |  |  |  |
| D |  |  |  |  |  |
| E |  |  |  |  |  |

I. For each of the below graphs (A-through-D), fill in the below table.

You CAN use your calculator to verify your graphs and results.
a.

b.

d.

c.


| Graph | Zeros | Vertex | Write as <br> $a(x-h)^{2}+k$ | Write as factored form <br> $a\left(x-x_{1}\right)\left(x-x_{2}\right)$ | y-intercept <br> (Calculate) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| A |  |  |  |  |  |
| B |  |  |  |  |  |
| C |  |  |  |  |  |
| D |  |  |  |  |  |

