# Finding the X-Intercept of a Graph 

X-Intercepts occur when $\qquad$ is $\qquad$ .

X-Intercepts are also known as

- Enter the equation into $\mathrm{Y}_{1}$.
- Press Graph.
- Open the Calculate Function (2nd $\qquad$ _).
- Select Option 2: $\qquad$
- Move the blinking cursor to the left of where the graph crosses the $x$-axis.
- Press Enter.
- Move the blinking cursor to the right of where the graph crosses the $x$-axis.
- Press enter.
- Move the blinking cursor as close as possible to where the graph crosses the x -axis.
- Press enter.
- Record the x-intercept.
- Repeat if the graph has more than one intercept.


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