

Find Someone Who Can... Graphing Calculator Usage

Get to know your classmates...find someone who can help you complete a calculator activity box. Have your classmate write his/her initials in the box. Don't forget to introduce yourself ☺

Store π into the variable p . Then calculate \sqrt{p} and round the result to nearest thousandth (3 decimal places).

Use the trace key. Use it to approximate the x -intercepts of $f(x) = \sqrt{20-x^2}$.

Adjust the contrast on the screen.

Enter and save a function to be graphed: $f(x) = \sqrt{20-x^2}$

Graph a second function. Graph:

$$f(x) = \sqrt{20-x^2} \text{ and } g(x) = 2x+4$$

Change the size of the window to: $-5 \leq x \leq 5$, $-5 \leq y \leq 10$

Find the intersection of: $f(x) = \sqrt{20-x^2}$ and $g(x) = 2x+4$

Trace along either graph: $f(x) = \sqrt{20-x^2}$ or $g(x) = 2x+4$

Identify the size of the standard window.

Zoom in and out when graphing $h(x) = x \cdot 2^x$.

Turn off a function but keep it in memory. Using $f(x) = \sqrt{20-x^2}$ and $g(x) = 2x+4$, turn off $g(x)$.

Find functions like absolute value and square root.

Demonstrate how to use the zoom box when graphing $h(x) = x \cdot 2^x$.