SAT RELEASED TEST ADMINISTERED IN APRIL 2017

SAT SESSION #5

Calculator Portion Released Test #24:



2 calculator methods: polynomial tools (menu 3,3)

Or graph it

📲 1:Add Calculator	1 🛛 🗙
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4:Add Lists & Spreadsheet	
105:Add Data & Statistics	
6:Add Notes	
Image: Image	
Press menu	

The polynomial $p^4 + 4p^3 + 3p^2 - 4p - 4$ can be written as $(p^2 - 1)(p + 2)^2$. What are all of the roots of the polynomial?

- A. -2 and 1
- B. -2, 1, and 4
- C. -2, -1, and 1
- D. -1, 1, and 2

Press the Home Key

Select 1: New Document



Press Enter.

If this screen appears asking if you want to save, select no.

Press Enter.

Choose 2: Add Graphs



Press Enter.

To type in the function, use x's instead of p's.

When I type in x, carat,4, I must also press the right arrow key to get the cursor out of the exponent line.

Continue typing in the function. Any time you type an exponent into the calculator, you must press the right arrow to get the cursor back down.





Press Enter.

Where is the function crossing the x-axis?

At -2, -1 and 1.

Therefore, answer choice C is correct.