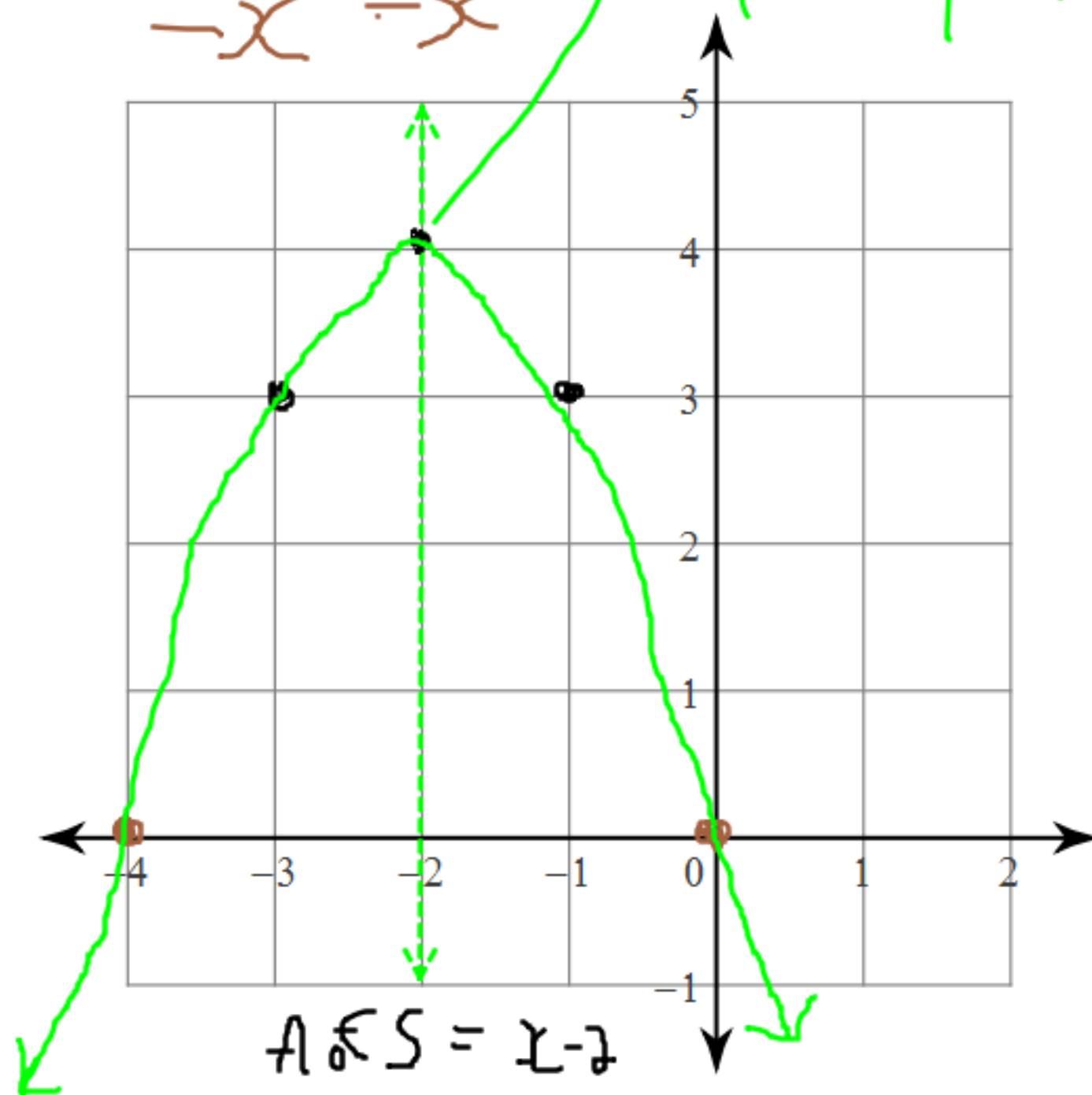


Sketch the graph of each function.

7) $y = -x^2 - 4x$
 $\underline{-x^2} \quad \underline{-4x}$

vertex
 $(-2, 4)$



$$y = (-x)(x + 4)$$

either $-x = 0$ or $x + 4 = 0$
 $x = 0$ or $x = -4$

$$x = 0 \quad x = -4$$

$$SS \{ 0, -4 \}$$

☒ Question numbers ☐ Show answers
☒ Directions ☒ Changing questions hides answers
☒ Lines Zoom:

More like these



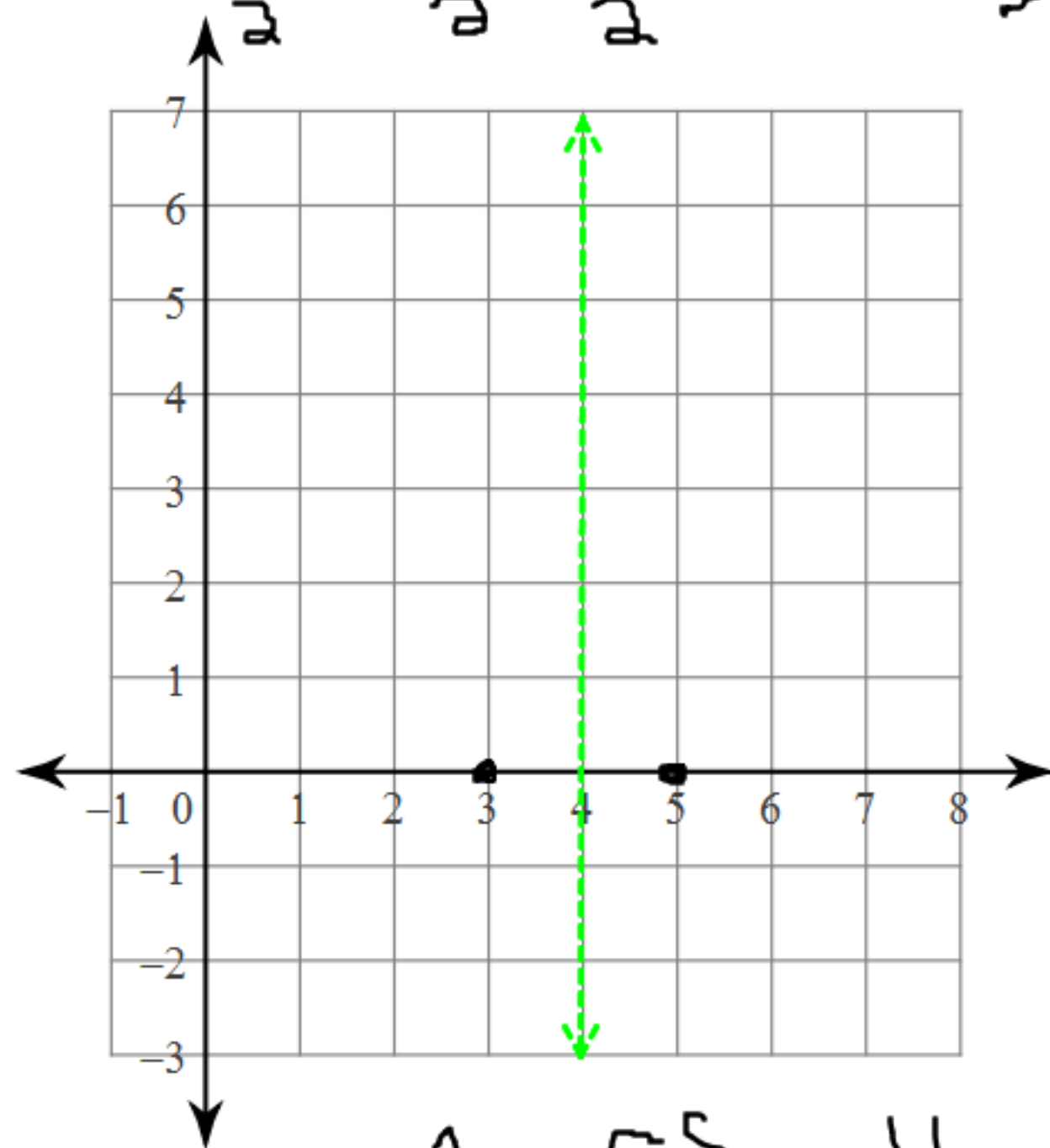
Jump



1-up

Sketch the graph of each function.

8) $y = \frac{2x^2}{2} - \frac{16x}{2} + \frac{30}{2}$



$A.O.S = 4$

$y = x^2 - 8x + 15$

$y = (x-3)(x-5)$

either $x-3=0$ or $x-5=0$

$x=3$ $x=5$

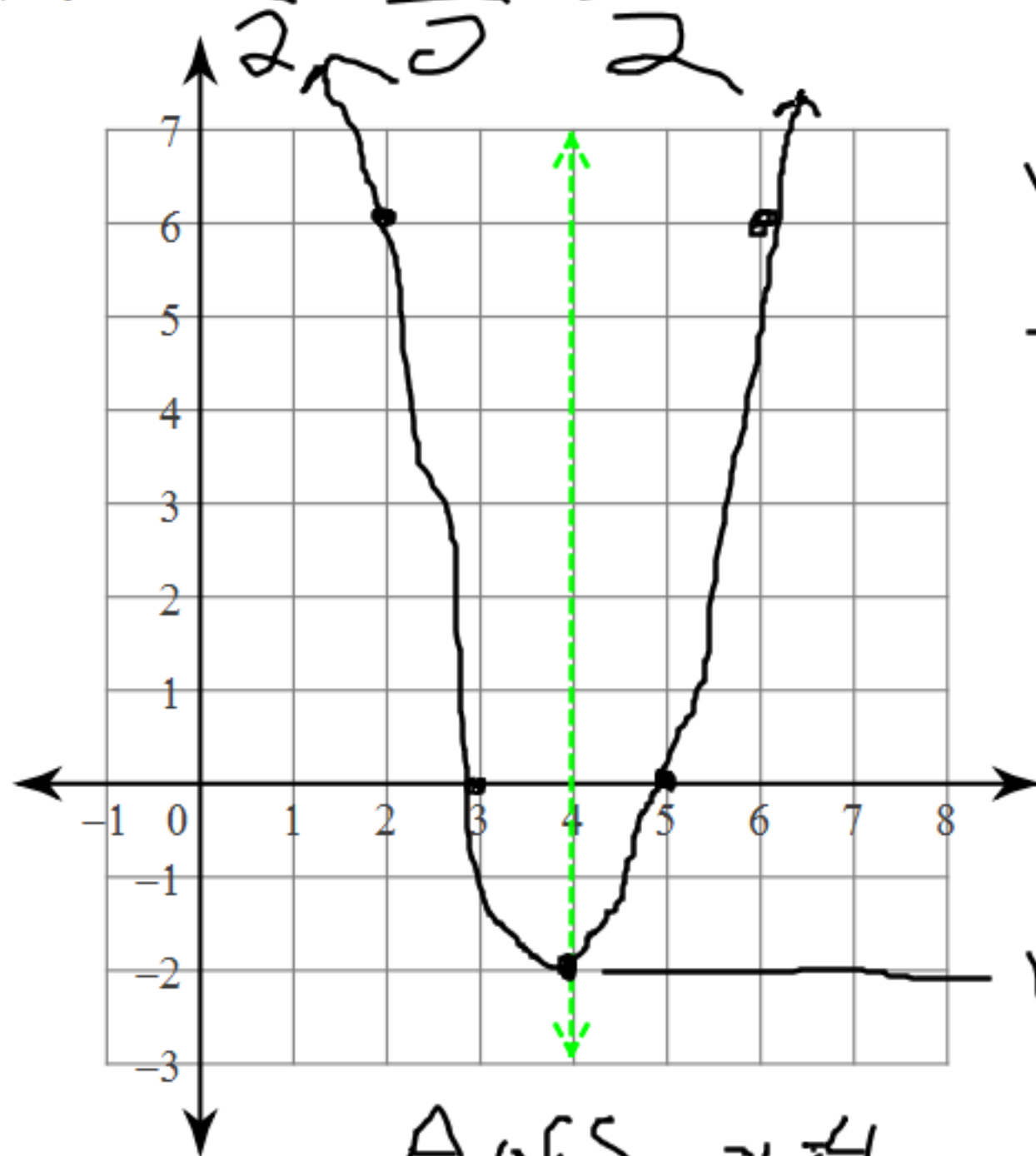
$SS \{3, 5\}$

$\begin{matrix} \textcircled{x} & 15 \\ \textcircled{+} & 8 \end{matrix}$
 $\begin{matrix} 1 & 15 \\ -3 & -5 \end{matrix}$



Sketch the graph of each function.

8) $y = 2x^2 - 16x + 30$



A of S = $x = 4$

$$y = 2(x^2 - 8x + 15)$$

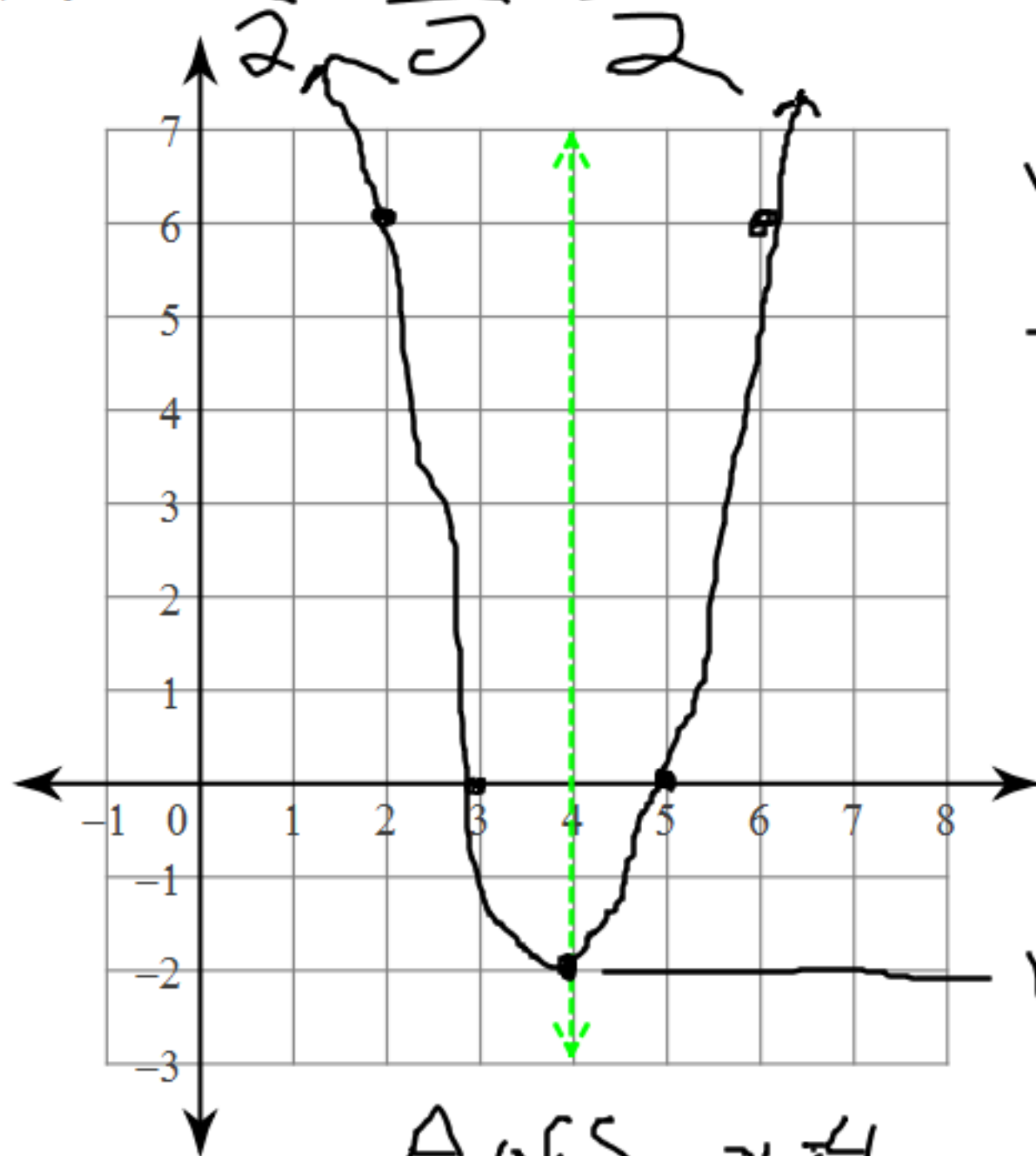
$$y = 2(x - 3)(x - 5)$$

$$SS = \{3, 5\}$$

vertex $(4, -2)$

Sketch the graph of each function.

8) $y = 2x^2 - 16x + 30$



A of S = $x = 4$

$$y = 2(x^2 - 8x + 15)$$

$$y = 2(x - 3)(x - 5)$$

$$SS = \{3, 5\}$$

vertex $(4, -2)$