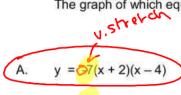
## SAI Prep Bellwork Wednesday 11/8

The graphs in the xy-plane of the following quadratic equations each have x-intercepts of -2 and 4.

The graph of which equation has its vertex farthest from the x-axis?



B 
$$y = \frac{1}{10}(x+2)(x-4)$$

$$y = -\frac{1}{2}(x+2)(x-4)$$

D. 
$$y = (5)x + 2)(x - 4)$$

a>1 v. Stretch.



Reflects.

alo

 $\frac{1}{2} = \frac{2}{2} = 1$