

"Find Someone Who ... " Review

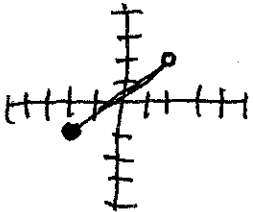
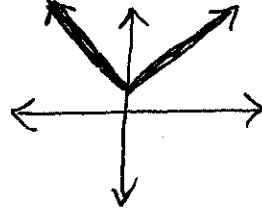
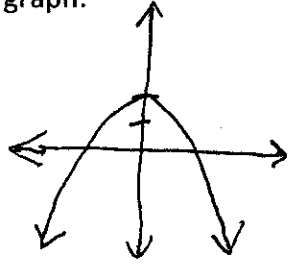
your name please

Your task is to find a different person to teach you how to solve the question and then sign in the appropriate box. Each box should be signed by a different person. Show your work in each box. Be prepared to present a problem at the end!

Knows how to factor $x^2 + 5x + 4$	Knows how to find the solutions to ... $2x^2 + 5x - 8 = 0$	Knows how to find the vertex of ... $y = \frac{1}{2}x^2 - 4x + 3$	Knows how to solve $2x + 3y = 12$ for "y"...
Can factor ... $4x^2 - 16$	Knows how to solve for y ... $4x - 5y = 10$	Can find the discriminant of $3x^2 - 4x - 9 = 0$	Can factor $x^2 - 10x + 24$
Can find the roots of $x^2 - 7x + 4 = -8$	Can factor $x^2 + 6x + 9 ...$ What are the 2 ways to write this answer?	Can factor $x^2 - 3x - 10$	Knows how many and what kinds of solutions a discriminant of -8 represents ...
Can factor $x^2 + x - 12$	Can find the zeros of $4x^2 - 7x = 12$	Can use graphing to determine how many real solutions for $x^2 + 6x + 12 = 0$	Can factor $25x^2 - 121y^2$

Find Someone Who (Transformations of parents, Parent functions, and Domain and range)

Take 7 minutes to answer as many problems as you are able to do. Then, find someone who can sign off that you did it correctly or can help you to work a problem you were not able to do. Each square needs to have someone else's initials and you cannot have a person sign more than once. **You will be graded for accuracy and for 16 different signatures (following instructions).**

<p>Can find the domain and range of: $\{(0, 3), (-2, 4), (2, -3), (1, 4)\}$</p>	<p>Knows the quadratic parent function equation ...</p>	<p>Can write an equation for: parent $y = x^2$ Opens down (reflected), left 2, up 3, narrower</p>	<p>Knows how to find the domain and range of $Y = 3x + 2$</p>
<p>Is able to describe the transformations of $Y = -3 x + 5 - 6$</p> <p>Parent: Vertical shift: Horizontal shift: Reflected? Wider/narrower/none</p>	<p>Can find the domain and range of the following graph:</p> 	<p>Knows what the -2 does to the equation $Y = -2(x + 2)^2$</p>	<p>Is able to identify the parent function and its equation associated with this graph:</p> 
<p>Knows how to write an equation for : Parent $y = x$, right 3, up 7, and wider</p>	<p>Is able to name the parent function (and draw its graph) that is associated with this equation: $y = 3 x - 2 + 1$</p>	<p>Can determine the domain and range of this graph:</p> 	<p>Knows how to write an equation for : Parent $y = x^2$, left 1, not reflected, down 2 and can find its domain and range</p> <p>$Y =$ $D: < x <$ $R: \leq y <$</p>
<p>Is able to graph the linear parent function and write its equation ...</p>	<p>Can write an equation for: parent $y = x^2$, down 1, narrower and reflected</p>	<p>Knows how to describe the transformations of $Y = -1/2 x + 2 + 6$</p> <p>Parent: Vertical: Horizontal: Reflection? Narrower or wider?</p>	<p>Is able to explain how to find the domain and range of $y = -x^2 - 3$</p>