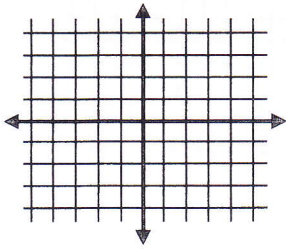


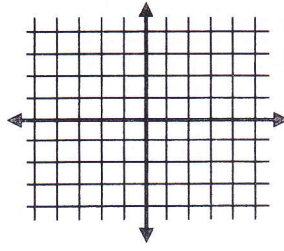
# MATH 1 INTRODUCTION REVIEW FOR QUIZ

On the grids below, graph and label (with the equation and name) the six parent graphs.



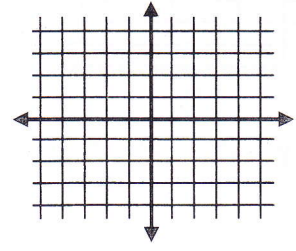
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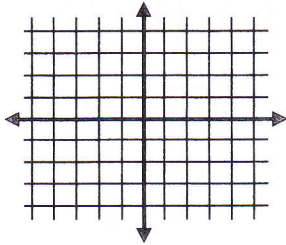
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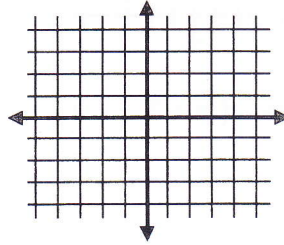
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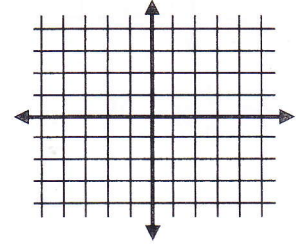
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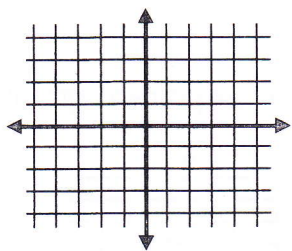
If one of the parent graph equations has been multiplied by a number less than one, how is the graph affected?

If one of the parent graph equations has a number added directly to the x, how is the graph affected?

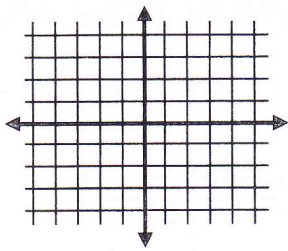
If one of the parent graph equations has a number subtracted at the end, how is the graph affected?

If one of the parent graph equations has been multiplied by a negative number, how is the graph affected?

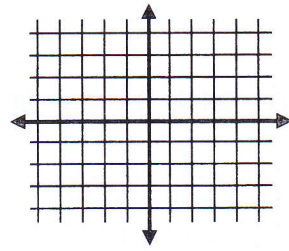
Graph the following.



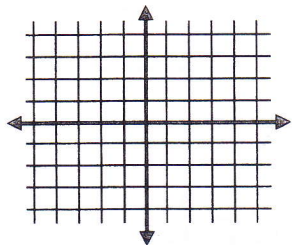
$$y = (x - 1)^2 - 3$$



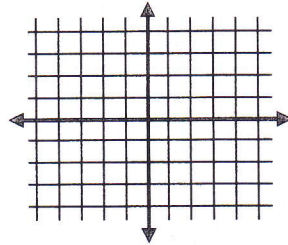
$$y = -2|x| + 2$$



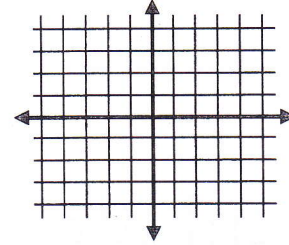
$$y = |x + 1| - 4$$



$$y = \frac{1}{2}|x + 2|$$

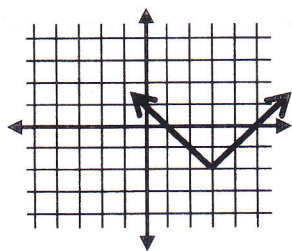


$$y = -(x + 1)^2 + 3$$

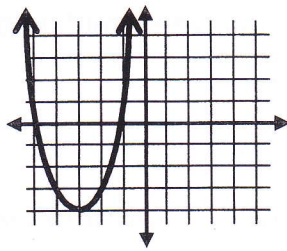


$$y = \sqrt{x + 3} - 2$$

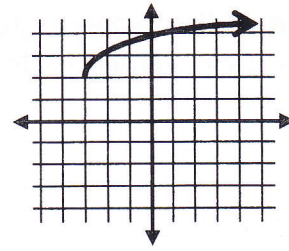
Write the equation of the graph.



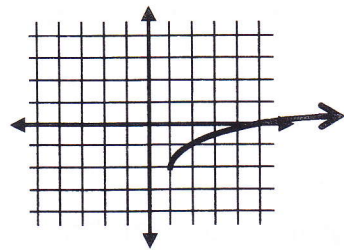
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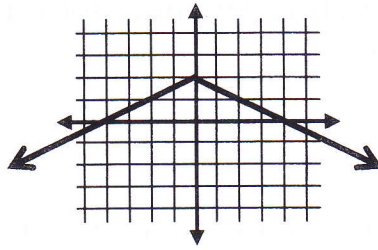
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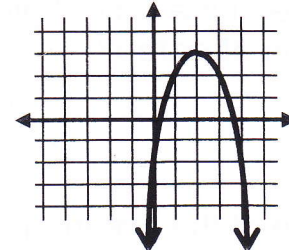
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