Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

1. Rewrite the quadratic equation  in vertex form by completing the square.

1. Select all of the solutions to the equation.
	1. 
	2. 
	3. 
	4. 
	5. 
2. Fill in the missing step of the derivation of the quadratic formula.

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1. Select all of the following values that are solutions of the equation .
	1. $-1$
	2. $\frac{1}{5}$
	3. $\frac{7}{5}$
	4. $\frac{1+\sqrt{46}}{5}$
	5. $\frac{1-\sqrt{46}}{5}$
2. Find the solution(s) of the equation .