Algebra 1 Name_____

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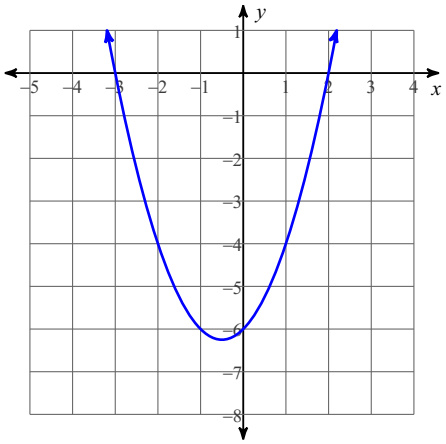
HW: Solving quadratics and systems of quadratics Date_____ Period____

Identify the zeros of each of the following quadratic equations

1)



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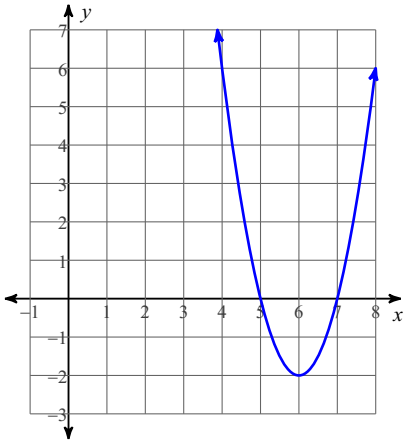

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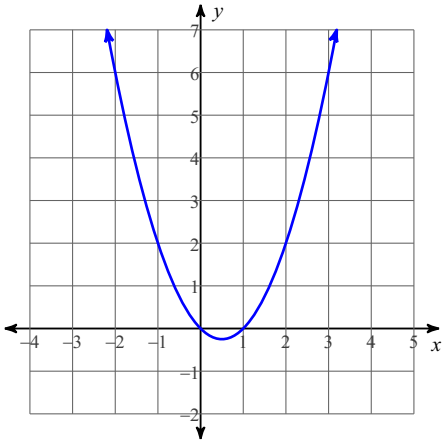

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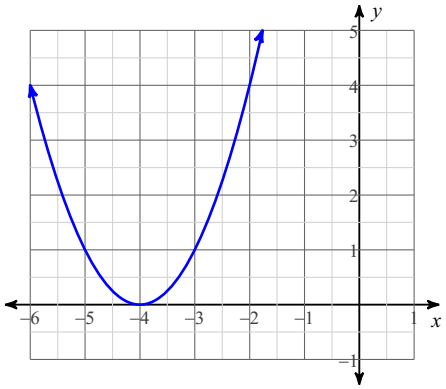

Solve each equation by factoring.

5) $r^2 + 2r - 35 = 0$

6) $n^2 - 10n + 21 = 0$

7) $x^2 - 8x - 5 = -5$

8) $p^2 + 7p - 3 = -3$

9) $2x^2 + 3x + 1 = 0$

10) $5n^2 - 34n - 48 = 0$

11) $7m^2 + 34m + 17 = -7$

12) $2r^2 + 19r + 39 = -3$

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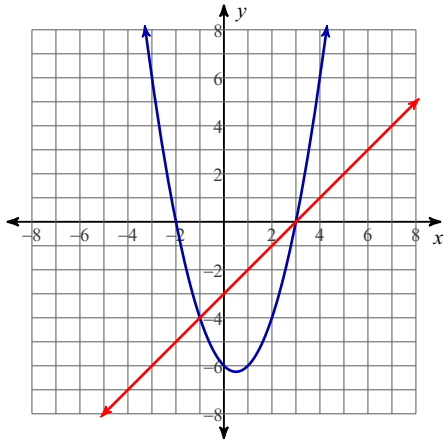
Determine the points of intersection of the two graphs

13)



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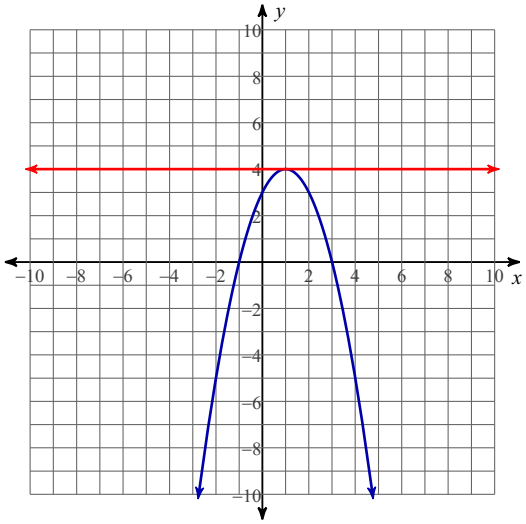

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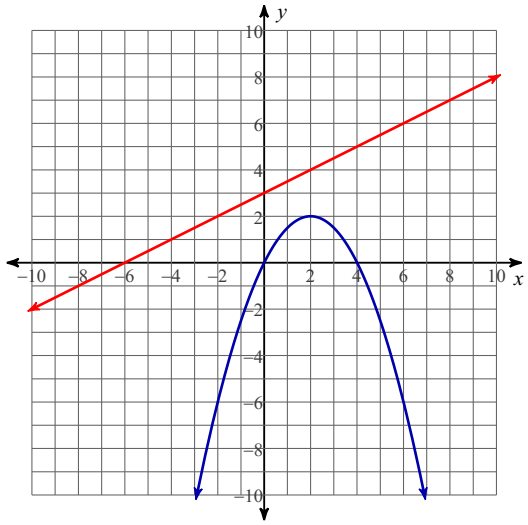

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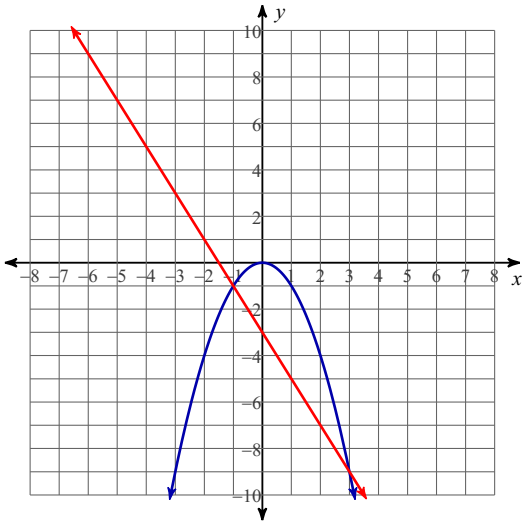

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