Algebra 2 Name_____ ID: 1

Radicals #2 Review

Date_____ Period____

Solve each equation. Remember to check for extraneous solutions.

11) $4\sqrt{2p+7} = 4$

12) $7 = 2 + \sqrt{4a+5}$

13) $\sqrt{5-k} = \sqrt{-1-3k}$

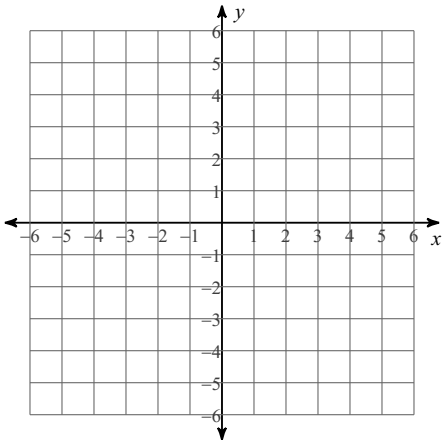
14) $(x+1)^{\frac{3}{2}} - 2 = 25$

15) $x - 7 = \sqrt{x-1}$

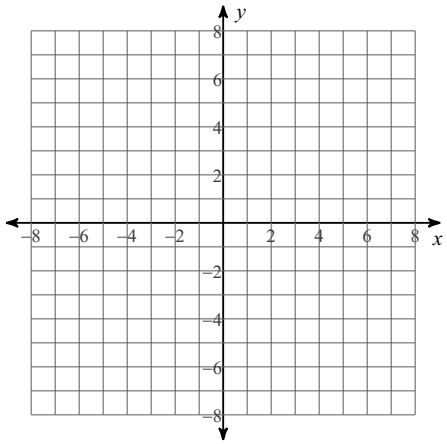
16) $x - 2 = (7-2x)^{\frac{1}{2}}$

For each question below:
1) Find the inverse
2) Graph both eqs
3) State Domain and Range for both
4) Determine if each is a function.

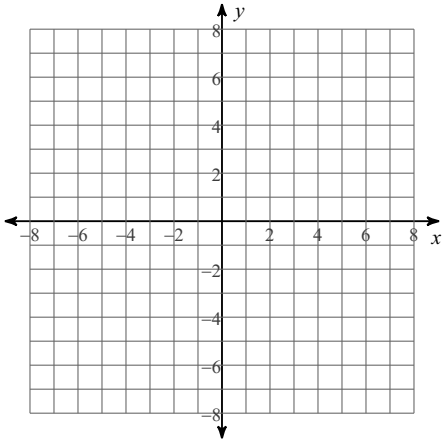
17) $y = -2x - 4$



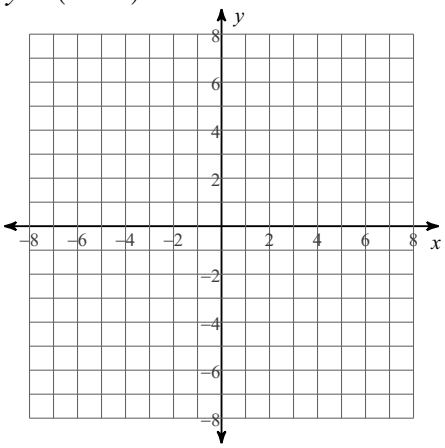
18) $y = (x + 5)^2 + 1$



19) $y = \sqrt[3]{x - 3}$



20) $y = (x + 2)^3 + 3$



Algebra 2 Name_____ ID: 1

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Date_____ Period____

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$\{-3\}$

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$\{5\}$

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$\{10\}$

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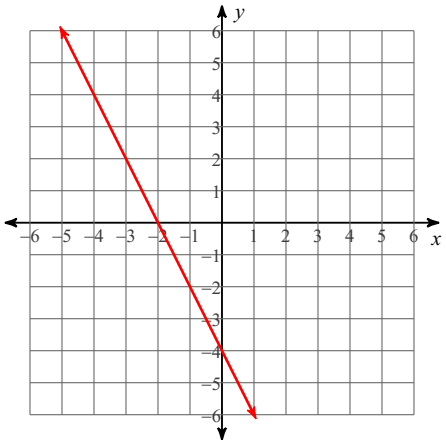

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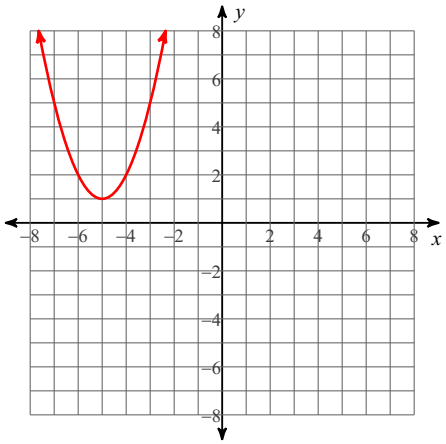

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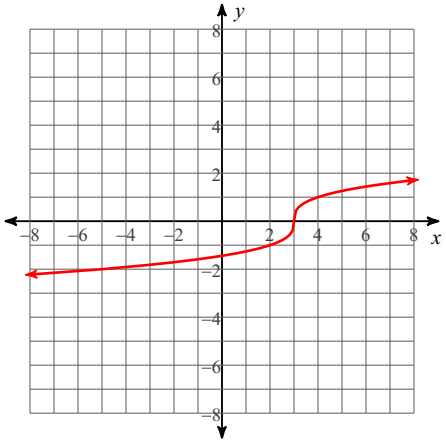

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