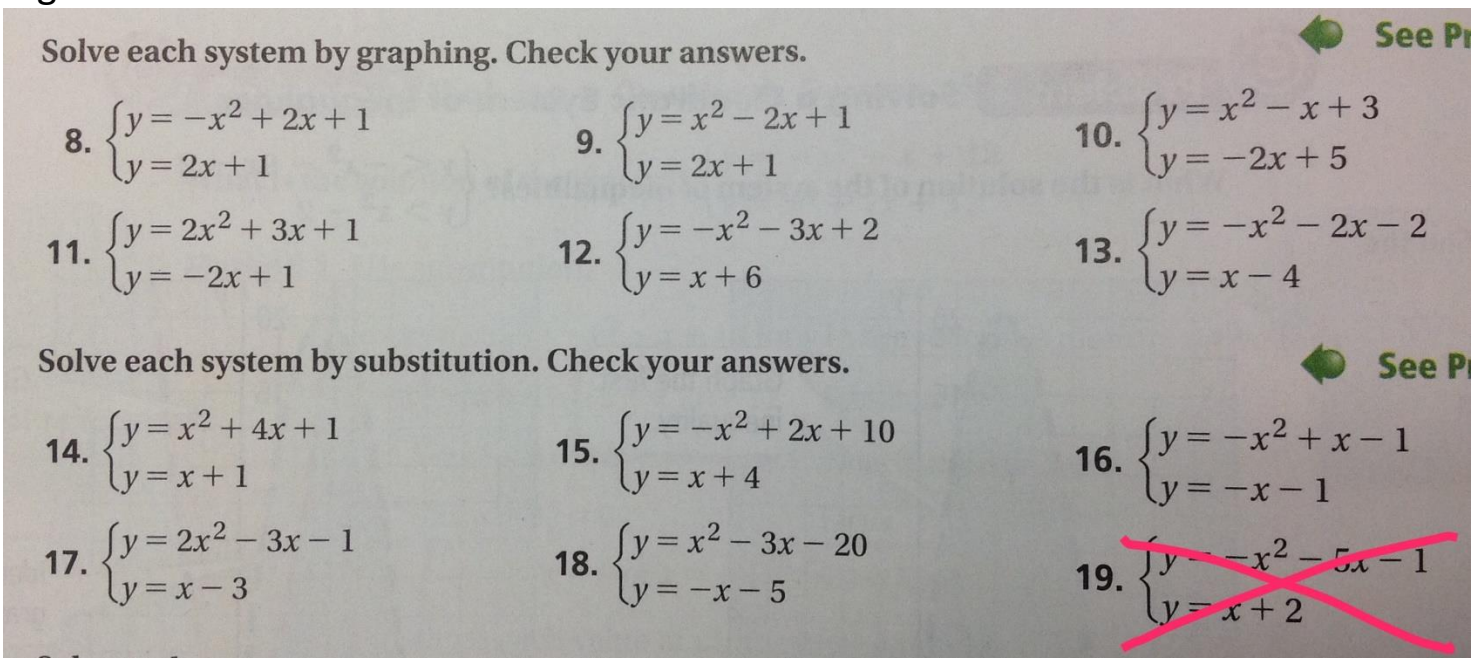
Algebra II Honors – Allen-Black

Quadratic / Linear Systems of Equations

Pg. 262 #8-18



Solve each system by graphing. Check your answers. See Pr

8. $\begin{cases} y = -x^2 + 2x + 1 \\ y = 2x + 1 \end{cases}$

9. $\begin{cases} y = x^2 - 2x + 1 \\ y = 2x + 1 \end{cases}$

10. $\begin{cases} y = x^2 - x + 3 \\ y = -2x + 5 \end{cases}$

11. $\begin{cases} y = 2x^2 + 3x + 1 \\ y = -2x + 1 \end{cases}$

12. $\begin{cases} y = -x^2 - 3x + 2 \\ y = x + 6 \end{cases}$

13. $\begin{cases} y = -x^2 - 2x - 2 \\ y = x - 4 \end{cases}$

Solve each system by substitution. Check your answers. See Pr

14. $\begin{cases} y = x^2 + 4x + 1 \\ y = x + 1 \end{cases}$

15. $\begin{cases} y = -x^2 + 2x + 10 \\ y = x + 4 \end{cases}$

16. $\begin{cases} y = -x^2 + x - 1 \\ y = -x - 1 \end{cases}$

17. $\begin{cases} y = 2x^2 - 3x - 1 \\ y = x - 3 \end{cases}$

18. $\begin{cases} y = x^2 - 3x - 20 \\ y = -x - 5 \end{cases}$

19. $\begin{cases} y = -x^2 - 5x - 1 \\ y = x + 2 \end{cases}$

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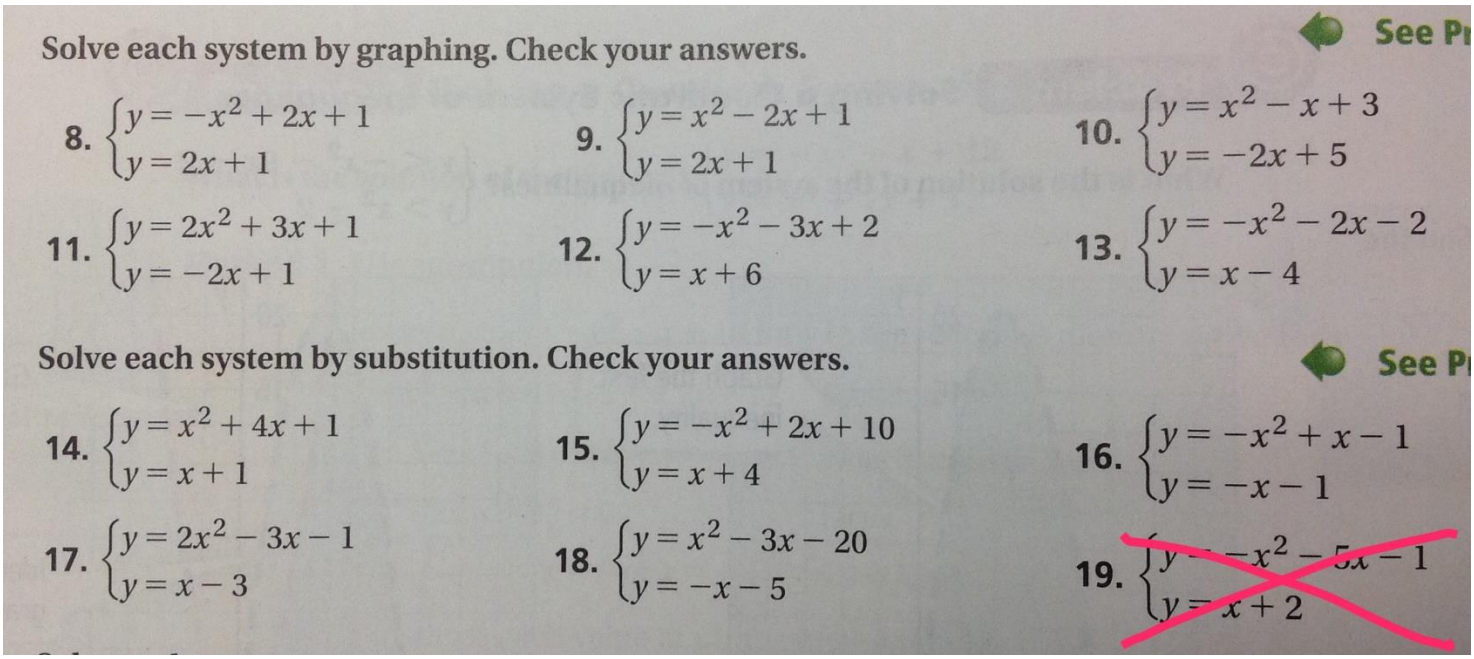

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