

Directions: You and your partner will work together to solve these problems. Partner A will solve the problems on the left and Partner B will solve the problems on the right. When you are done, your answers should match. If not, work together to find and correct your mistake.

Partner A	Partner B
1) $3 -8x + 8 = 80$	1) $2 3x - 5 = 13$
2) $-(x + 3)^2 + 5 = -4$	2) $3 x + 3 - 13 = -4$
3) $ 2x + 3 = 3x$	3) $2\sqrt{2x - 5} + 4 = 6$
4) $\sqrt{4x + 12} - x = 0$	4) $x - \sqrt{42 - x} = 0$

$$5) \sqrt{x-1} + 2 = x + 1$$

$$5) (x-3)^2 = 6 - 2x$$

$$6) \begin{cases} 3x + 5y = 50 \\ y - 2x = -3 \end{cases}$$

$$6) \begin{cases} -2x + 6y = 32 \\ -5x + 3y = -4 \end{cases}$$

$$7) 7x^2 - 3 = 60$$

$$7) 10x^2 - 9 = 81$$

$$8) \frac{3}{2x} - 1 = \frac{1}{2x}$$

$$8) \frac{1}{2} = \frac{1}{3} + \frac{1}{6x}$$