

MULTI-STEP EQUATIONS PARTNER PROBLEMS

Directions: Partner 1 does the problems in the left column and Partner 2 does the problems in the right column. If done correctly, answers for the same problem number will match.

Partner 1

1. $2 + 5x = 22$

$x = 4$

2. $-5x - 10 = -25$

$x = 3$

3. $8 - 5x + 6x = 8$

$x = 0$

4. $-7 + 7x - 3x = 37$

$x = 11$

~~5. $x - 2 = 44 + 5x$~~

~~6. $4x + 6 = 44 + 5x$~~

7. $3(4x - 10) = -18$

$x = 1$

8. $6(x + 10) = 60$

$x = 0$

9. $4(8 - 6x) - 10 = -26$

$x = 2$

10. $-5(-2x + 7) - 3 = 52$

$x = 9$

~~11. $2(3x - 2) = 4(2x - 6)$~~

~~12. $2(4 - 3x) - 10 = 2x - 74$~~

Partner 2

1. $5x + 9 = 29$

2. $-7 + 6x = 11$

3. $-1 + 6x + x = -1$

4. $4x - 2 + 7x = 119$

~~5. $4x + 2 = 12 + 6x$~~

~~6. $6x - 10 = 60 + 7x$~~

7. $7(-10 + 3x) = -49$

8. $2(2 - 2x) = 4$

9. $-2(10 + 6x) + 10 = -34$

10. $-5(-4x + 4) - 10 = 150$

~~11. $4(3x - 4) = 2(5x + 2)$~~

~~12. $2(10 + 5x) + 10 = 2x - 118$~~