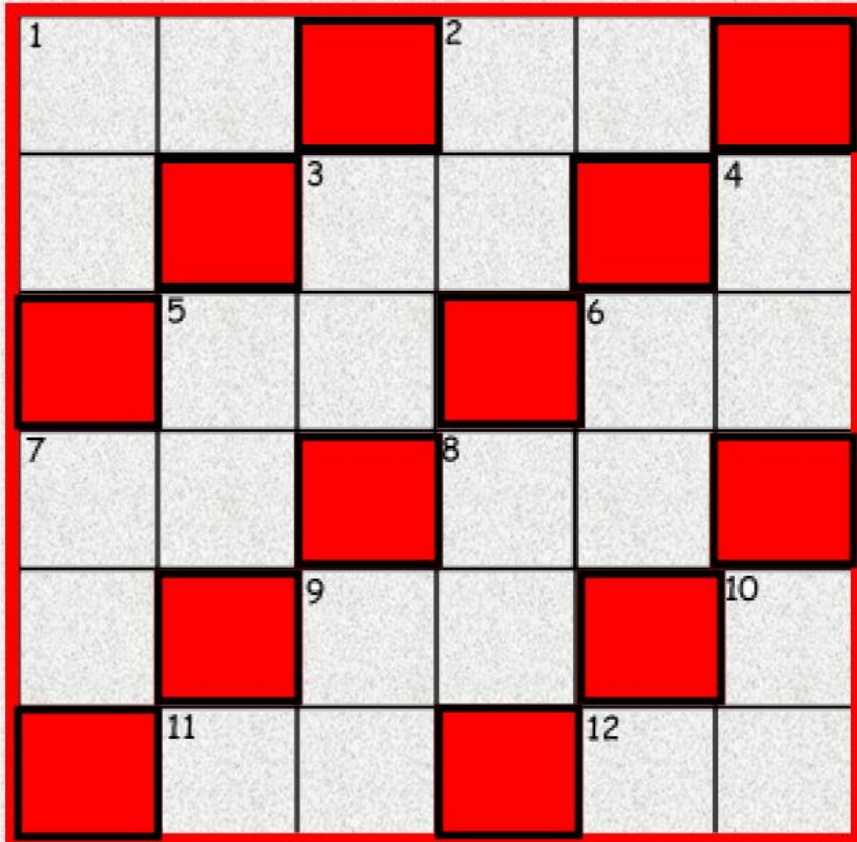


Lesson – Students Cross-number Puzzle
Solving multi-step equations

Name _____



ACROSS	DOWN
1. $-2x + 4 = -28$	1. $2x - 3 = 19$
2. $\frac{x}{3} - 1 = 1$	2. $7x + 64 = -50$
3. $3x - 16 = 50$	3. $-4 + 2x = 52$
5. $\frac{-x}{6} + 7 = 10$	4. $3x - 9 = 9$
6. $\frac{x}{4} - 4 = -20$	5. $104 = 4 + 10x$
7. $3x + 8 = -22$	6. $\frac{1}{4}(x - 4) = 22$
8. $2(x - 3) = 18$	7. $4(2x - 16) = -160$
9. $-2(x - 2) = -18$	8. $-5 + 2x = 29$
11. $4(x - 2) + 6 = 6$	9. $6x - 4 = 8$
12. $-6(x + 1) = -54$	10. $\frac{x}{2} + 7 = 16$

DOWN			ACROSS		
10. 18	6. 92	1. 11	6. 96	11. 02	12. 08
7. 12	7. 12	2. 02	7. 10	8. 12	9. 07
8. 17	8. 17	3. 28	8. 12	9. 07	5. 18
9. 02	4. 06	4. 06	9. 07	5. 18	3. 22
	5. 10	5. 10			2. 06

ANSWERS:

The answers are to the left and are flipped upside down. Do not look at the answers until you have completed the puzzle.