

NAME _____ DATE _____ PER. _____

Assignment: Algebra Review – Day 1**SIMPLIFY** each expression.

1. $-5y + 9y + 6$ _____

2. $-5r - 2 + 2r - 8$ _____

3. $-7a - 2y + 7 + 2y + 5a$ _____

4. $xy + 5x - 3y - 7x + 2xy - 4z$ _____

5. $-5x + 3y + 2 - 8 + 3x - 5y$ _____

6. $-2z + 4x - 3y + 18$ _____

7. $7mn + 3mp - 4 - 5mp + 6mn + 8$ _____

8. $4(f - 2)$ _____

9. $2(e + 10)$ _____

10. $-3(g + 4) - 5g + 1$ _____

11. $7 - 2(2c - 1)$ _____

12. $8w + 5(2w - 3)$

13. $5h - 3(4h - 3) + 2$

14. $8(x - 6) - 6(2x - 5)$

15. $4 - 3(9x + 2) + 7(2x + 3)$

16. $2(8x - 4) - 3(2x + 1) - (4x - 3)$

SOLVE the following equations.

17) $x - 16 = -10$

$x = \underline{\hspace{2cm}}$

18) $c + 19 = 20$

$c = \underline{\hspace{2cm}}$

19) $-15 = 5y$

$y = \underline{\hspace{2cm}}$

20) $\frac{a}{6} = 7$

$a = \underline{\hspace{2cm}}$