

Name _____ Date _____ Period _____

1.6 – Distributing A Negative

Simplify.

1. $5x - 8(3 + 2x)$

2. $-(e + 7) - 5e + 6$

3. $-3(8 - 5z) + 6z$

4. $6 - (4 - a) - 2a$

5. $-5d - (8 - d) - 9$

6. $-4(3x - 5) - 3(2 + 7x)$

7. $-5(6 + 3y) - 7(2y - 9)$

Simplify. THEN Evaluate.

8. $7x - 2(4x - 6)$ for $x = -3$

9. $-(-7x + 2) - 8x + 1$ for $x = 5$

10. $-8z - (5z + 6) + 15z$ for $z = -1$

11. $-(a + 4) + (8 - a)$ for $a = 2$

12. $6b - 3(b + 7) - (5 - 4b)$ for $b = 4$

13. Simplify: $5[1 + 3(7 - 3) - 2 + 3] \div 7$

14. Simplify: $-|12 - |-15||$

15. Simplify: $\left(\frac{1}{5}\right) \div \left(\frac{-1}{35}\right)$
