

Name: _____ Period: _____ Date: _____

The Distributive Property Assignment

Simplify the following expressions.

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

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

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

4. $7(9) + 7(5)$

5. $2(5x - 1) + 14x$

6. $5(3s - 2) + 12x$

7. $7(3y - 5) + 2(4y + 3)$

8. $4(2y - 6) + 3(5y + 10)$

Name: _____ Period: _____ Date: _____

The Distributive Property Assignment

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

10. $4(5y - 3) - (6y + 3)$

11. $7 - 4[3 - (4y - 5)]$

12. $6 - 5[8 - (2y - 4)]$

13. $5x - 3[7 - 2(6x - 7) - 3x]$

14. $6 + 3[2x - 4(3x - 2)]$

15. A total of 2000 people attended a benefit concert was held to raise money for a children foundation. Student ticket cost \$2 and an adult ticket cost \$3. If the organizer raises a total of \$5050, how many students attended the concert?

Let : $x = \text{number of students}$

$2000 - x = \text{number of adults}$