Name_____   Date _____

Simplifying Linear Expressions Practice

Simplify the expression

1. $(p - 3) + (p - 7)$

2. $(3n - 1) + (4 - n)$

3. $(k + 3) - (3k - 5)$

4. $(-6d + 2) - (7 + 2d)$

5. $(3c + 2) + 4(1.3c - 5)$

6. $10(2.1q - 2) + (7.5q + 18)$

7. $(7 - 3t) - 5(-1.6t + 5)$

8. $\frac{1}{2}(12w + 8) - \frac{1}{5}(10w - 5)$

9. $(-6y - 2) + 5(3 + 2.5y)$

10. $\frac{1}{2}(6x - 10) + \frac{1}{3}(6 + 9x)$

11. $(10j - 7) - (-9j + 2)$

12. $(3x + 8) - 6(2.5x - 3)$

13. After a week of rain, tadpoles appeared in your pond. After t minutes, you have $(7t + 5)$ tadpoles and your friend has $(8t - 3)$ tadpoles.

    a. Write an expression that represents the number of tadpoles you and your friend caught together.

    b. Who has more tadpoles after 9 minutes?

14. The admission to a local fair is $10 for each adult and $6 for each child. Each rides costs $1.50 for an adult and $1 for a child.

    a. Write an expression that represents how much more an adult will spend at the fair.

    b. An adult and a child each go on 7 rides. How much more did the adult spend?

Giving Thanks