

## T2-14 Expressions Test Practice

Number \_\_\_\_\_ Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

1)  $4(5x + 2) - 7x$

Factor the following expressions using the greatest common factor.

8)  $4x - 8$

2)  $-5x + 2(12 - 3x)$

9)  $14x + 35x$

3)  $7x - 6 - 2(5x - 8)$

10)  $15x - 29$

Determine if the following expressions are equivalent. **Explain how you know.**

4)  $3x - 2(4x - 12)$

11)  $15x - 9$  and  $3(5x - 3)$

5)  $-\frac{2}{5}(-10x + 35) - 14x$

12)  $12x + 15$  and  $4x + 5 - 16x + 10$

6)  $\frac{1}{3}(24v - 15) - 30v$

13)  $-3x + 12 - (-x + 2)$  and  $-2(x - 5)$