

Name: _____ Class: _____ Date: _____

8th Grade Pre-Algebra Chapter 7 Test Review Worksheet

Use the distributive property to evaluate each expression.

1. $6(s + 10)$

2. $9(a - 4)$

3. $-5(3 - b)$

4. $(m + 7)(11)$

Simplify each expression.

5. $x + 3x + 4$

6. $10z + 6z - 11 + 7$

7. $mn + 3(2mn - 4)$

8. $-7s - 5s - 4$

Add or subtract.

9. $(x + 3) + (7x + 3)$

10. $(x + 2) - (-3x - 8)$

11. $(7x + 1) - (4x + 8)$

12. $(4x - 3) + (-3x + 1)$

Find the GCF of each pair of monomials.

13. $9x$ & $12x$

14. $20b$ & $8b$

Factor each expression. If the expression cannot be factored, write *cannot be factored*.

15. $21x + 7$

16. $5x + 12$

17. $8 - 14x$