

NAME _____ DATE _____ PERIOD _____

Lesson 8 Extra Practice

Factor Linear Expressions

Find the GCF of each pair of monomials.

1. $28, 42x$

2. $21a, 45$

3. $16m, 56n$

4. $42x, 56y$

5. $20c, 28cd$

6. $5ab, 6b$

7. $7x, 14xy$

8. $14b, 56bc$

9. $21a, 63ab$

Factor each expression. If the expression cannot be factored, write *cannot be factored*. Use algebra tiles if needed.

10. $12x + 3$

11. $x - 2$

12. $4x - 3$

13. $3x + 9$

14. $6x - 12$

15. $2x - 7$

16. $7x + 14$

17. $12x - 10$

18. $3x + 36$

19. $4x + 20$

20. $15x + 7$

21. $10x + 18$