

Stage 19 · Step 3: The distributive property

Sheet 2 of 5

Name _____ Date _____ Time _____ Score _____

Remember: The distributive property

$$4(2x + 5) = 4(2x) + 4(5) = 8x + 20 \quad \text{multiply 4 by each term}$$

WARM-UP

1. $6x - 4 + 9x + 5 =$ _____ 2. $x - 2 - 4x + 1 =$ _____

PRACTICE

3. $-6(2x - 3) =$ _____ 4. $-6(-x + 4) =$ _____

5. $6(-x + 7) =$ _____ 6. $5(2x - 5) =$ _____

7. $-2(4x + 9) =$ _____ 8. $-4(x - 9) =$ _____

9. $-2(-2x + 4) =$ _____ 10. $-5(3x - 9) =$ _____

11. $-5(4x - 4) =$ _____ 12. $-2(-3x - 1) =$ _____

13. $-(-3x - 9) =$ _____ 14. $5(3x + 2) =$ _____

15. $-3(2x + 7) =$ _____ 16. $-2(5x + 8) =$ _____

17. $5(x - 5) =$ _____ 18. $-(-x - 4) =$ _____

19. $4(-4x + 3) =$ _____ 20. $-4(x + 5) =$ _____

21. $-(-4x - 6) =$ _____ 22. $-5(2x - 3) =$ _____

23. $-(-5x - 4) =$ _____ 24. $-4(-5x - 5) =$ _____