

1-7 The Distributive Property

Simplify. Show every step. If it is in simplest form already write “in simplest form”. Do all work on another sheet of paper. Please box your final answers.

- 1) $7(x + 4)$
- 2) $3(5x - 9)$
- 3) $(2x + 3)15$
- 4) $x(9y - 5z)$
- 5) $5(3x^2 + 8x - 1)$
- 6) $12x^2 + 2x + 7x^2 + 9x$
- 7) $8a + 9b + 5c + 13$
- 8) $8x + 15xy + 7y - 8xy$
- 9) $3x + 7y + x + 2x$
- 10) $3mn + 12mn - 3mn + 5mn$
- 11) $11(6x + 7) - 10$
- 12) $4 + 8(2x + 1)$
- 13) $13(3x + 4) + 6x$
- 14) $10x + (6x + 1)7$
- 15) $6x + 3(11 + 5x)$
- 16) $17 + 7(5x + 6) + x$
- 17) $7(3x + 4) - 1$
- 18) $x + 3(11x + 2)$