

## Extra Practice: 4.5 Simplifying Variable Expressions

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Simplify each expression.

$$1) -8(5 + 5x) - 3(-3x - 4)$$

$$2) -3(b + 1) - 7(b + 1)$$

$$3) 2(9 - p) - 3(p + 4)$$

$$4) -10(10x + 3) + 3(x - 9)$$

$$5) 6(m - 8) - 3(2m - 9)$$

$$6) -7(-10k + 5) - 10(8 + 2k)$$

$$7) -7(r + 2) - 7(1 - r)$$

$$8) 9(8p + 6) + 8(1 - 7p)$$

$$9) 3(1 + 10r) + 3(10r + 3)$$

$$10) 4(6p - 6) - 5(p - 7)$$