

Expanding Major Assignment

Simplify each expression.

1) $-3(-7x - 6) - 8x(x - 8)$

Find each product.

2) $(2n - 6)(2n + 6)$

3) $(5m - 1)^2$

4) $(6x + 2)(2x - 1)$

5) $(2r - 3)(3r + 3)$

6) $(2n - 1)(n^2 - 5n - 6)$

7) $(7x + 4y)(x - 2y)$



$$8) 2(3x + 4)(2x - 3) - (x - 5)(x + 2)$$



$$9) (2x - 1)(3x + 4) - (2x - 3)^2$$



10) Find the area of the shaded region.

