

Name : _____

Algebraic Identity

ES1

Expand each expression using algebraic identity.

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

2) $(a - 2b)(a - 3b)$

3) $(pq + 6)(pq + 3)$

4) $(7c - d)(7c + 8d)$

5) $(3y - 7)(3y + 2)$

6) $(r^2s + 1)(r^2s - 4)$

7) $(n - 8m)(n - m)$

8) $(2 + u^3)(3 + u^3)$

9) $(g + 5)(g - 3)$

10) $(k - 6)(k - 8)$