

## Polynomials; Special Products

### Procedure

Use appropriate special product patterns to multiply mentally

Find the following products.

1.  $(x + 6)(x - 6)$

2.  $(x - 10)(x + 10)$

3.  $(2x - 3)(2x + 3)$

4.  $(x + y)(x - y)$

5.  $(x + 3)(x + 3)$

6.  $(x + 5)^2$

7.  $(x + 10)^2$

8.  $(3x + 4)^2$

9.  $(2x - 5)^2$

10.  $(4x - 1)^2$