

# MTH 28.5 LECTURE NOTES (Ojakian)

## Topic 18: Difference of Squares

---

### OUTLINE

References: 6.3

---

#### 1. Difference of Squares

**PROBLEM 1.** *Factor the following:*

(a)  $x^2 - y^2$

(b)  $(2x)^2 - (3y)^2$

(c)  $25a^2 - 9b^2$