

Directions: Show all work and simplify your answers.

Perform the indicated operations. Use additional paper if necessary.

a) $(3a^2 - 6ab + 2b^2) - (5a^2 + 3ab - 7b^2)$	b) $(3t - 5w)^2$
c) $(2x - 5)(3x^2 + 4x - 2)$	d) $-5xy(3x^2 - 7xy + 9y^2)$
e) $(5x - 4y)(3x - 6y)$	f) $5ab^2(-3a^2b)$
g) $(4p + 8q) + (4p - 9q)$	h) $(7cd^3)^2$