

ALGEBRA 1B ~ Quiz 5 ~ FACTORING ~ NAME: _____
POLYNOMIALS

PER. _____ DATE: _____

FACTOR EACH POLYNOMIAL COMPLETELY. SHOW WORK, BOX ANSWERS. USE FRONT & BACK AS NEEDED.

① $25x^2 - 144$

⑤ $x^2 + 9x + 14$

② $4x^2 - 16$

⑥ $x^2 - 12x + 36$

③ $3a^3 - 12a$

⑦ $6x^2 + 3x - 45$

④ $x^2 + 5x + 6$

⑧ $6x^2 + 28x - 10$

(SHOW WORK & ANSWERS HERE)