

- ❖ Show all work
- ❖ No notes, books, or calculators allowed.
- ❖ Write answers in lowest terms when possible

Factor the following expressions completely.

1. (3 points) $36t^2x^4 - 45t^2x^3 + 24t^2x^2$

2. (4 points) $x^2 - 4x + 6xy - 24y$

3. (3 points) $x^2 + 3x - 18$