

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

Simplify the radicals.

1. (2 points) $\sqrt{6}\sqrt{18}$

2. (2 points) $\sqrt{16x^4y^7}$

3. (3 points) $4\sqrt{3} + 5\sqrt{3} - 3\sqrt{27}$

4. (3 points) $8x\sqrt{9x^2y} + x^2\sqrt{4y}$