Math 100
American River College
Quiz 11

Name:			

Student ID:

- ❖ 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)
$$8x\sqrt{9x^2y} + x^2\sqrt{4y}$$