Math 100 American River College Quiz 9 Name: _____

Student ID: _____

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

Solve the equations for *x*.

1. $2x^2 + 2x - 24 = 0$

2. $8x^2 + 32 = 32x$

3. x(x+9) = 6(x+3)