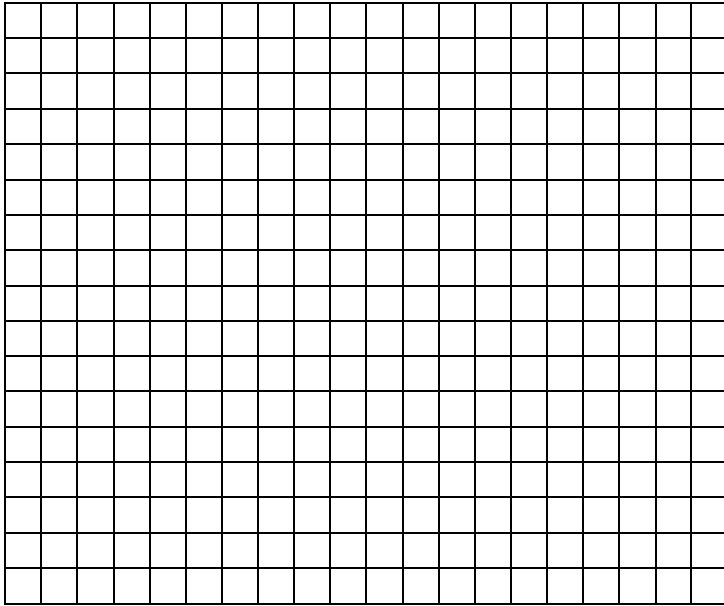


**Introductory Algebra
Quiz 2**

Name: _____
Date: _____

Directions: Answer all of the following question as completely as possible. Show all work.

1. $3x + y = 7$



- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____

Factor

2. $x^2 + 8x + 12$

5. $8x^2 + 16x + 6$

3. $3x^3 - 27x$

6. $5x^3 + 10x^2 + 5x$

4. $x^2 - 2x - 15$

Divide

7. $\frac{6x^2 + 11x - 7}{2x - 1}$

8. $\frac{6x^2 + 7x - 20}{3x - 4}$