

Exercise 3

Name _____

Solve the following equations and check where appropriate:

1. $6b + 21 = 84 - 3b$

2. $3(x - 1) - 12 = 0$

3. $|6 - 2| =$

4. $|6 + 2| =$

5. $4 + |12x - 8| = 4$

6. $x - 5 > 2x + 15$

Find and graph the equation of the lines through these points:

7. $(2,1)$ $(7,6)$

8. $(4,0)$ $(3,2)$

Use the quadratic equation to solve the following equation, and check your solution:

9. $x^2 + 2x - 3 = 0$