

NAME: _____ Types of Linear Equations Class Period _____

Tell whether each equation has one solution, infinitely many solutions, or no solution. ***Show all of your work on this paper.***

1. $8c = 6 + 5c$

2. $2x + 7 = -8x - 9 + 10x$

3. $-2(b - 4) = -2b + 8$

4. $0.6(2h - 4) = 2.4 + 1.2h$

5. $-6a - 15 = -3(a - 7)$

6. $\frac{1}{2}(4z + \frac{1}{4}) = 2(z + \frac{1}{16})$

$$7. 3 - 7t = -5t + 3 - 2t$$

$$8. -3x + 6 = 3(x + 3)$$

$$9. 4(0.8g + 1.5) = 2(3 + 1.6g)$$

$$10. 1 + \frac{2}{3}w + \frac{1}{2} = 2w$$

$$11. 6x - 1 = 6(x + 2)$$

$$12. x + 4 = 3(x - 2)$$
