

Math Sheet

Name _____ Score _____ / 12 Teacher _____ Date _____

Determining Equation Solution Types

Classify each equation. If it has one solution, solve it exactly.

Equations 1-6

1. $5f - f - 9 = f + 3f - 9$

4. $-(3m - 2) + 5 = m - 4m + 7$

2. $-5z + 1 = -8z + 13$

5. $-15q = -8q - 7q - 5$

3. $-6c + 3c - 2 = -31c + 9$

6. $-(2s - 2) + 6 = -2s - 1$

Equations 7-12

7. $-3(2g + 6) - 17 = g - 7g - 35$

10. $-(-4y + 5) + 5 = -50y + 47$

8. $-3m - 11 = 2m + 29$

11. $4(-6k + 3) + 6 = -24k + 17$

9. $y - 3y + 13 = -2y + 13$

12. $-20x - 33 = 2(-10x - 8) - 12$
