Name : _____   Score : _____

Teacher : _____   Date : _____

Solving Equations of Different Solution Types

Solve each equation.

1) $8 + 7h = 10(5 - 9h)$

2) $2 = 8(4 + 3n)$

3) $5 = 2(6c + 9) + 7$

4) $4 - 8b = 3 + 10(6 - 2b)$

5) $4 = 5(8 + 2m)$

6) $8 = 3(7 + 4k)$

State whether each equation has one, infinite or no solutions. If just one solution, solve for the variable.

7) $8 = 5(3u + 9) + 4$

8) $7 + 3c = 9(5 - 2c)$

9) $2 - 10b = 7 + 9(3 - 4b)$

10) $10 - 9t = 7 + 4(6 - 5t)$

11) $10 + 8e = 4(2 - 7e)$

12) $5 = 6(8d + 10) + 3$