

One, None, or Infinite Many Solutions

Date _____ Period _____

Solve each equation.

1) $7(2 + 5v) = 3v + 14$

2) $36 - 7p = -7(p - 5)$

3) $-5(-2 - 8m) = 10 + 5m$

4) $-2(v - 2) = -3 - 2v$

5) $30 + 6p = 7(p + 6) - 5$

6) $8x + 38 = -3(-6 - 4x)$

7) $-4(v + 3) = -12 - 4v$

8) $-3(v + 4) = 2v - 37$

9) $3 + 5n = 5(n + 2) - 7$

10) $4(k - 8) = -32 + 4k$

11) $-14 - 8x = -2(-3x + 7)$

12) $-(3 - 6b) = 6b + 5$

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No solution.

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 $\{\text{All real numbers.}\}$

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No solution.