

Solving Equations Jeopardy

| | All Alone | What's the Inverse | Doing The Two-Step | Check it out! |
|-----|--|---|---|--|
| 100 | Do this operation to isolate the variable in $-3x$ | This is the inverse of addition | Solve and check $2x + 4 = 10$ | Is 4 the solution for $2x = 8$? |
| 200 | Do this operation to isolate the variable in $4x - 8$ | Multiplication is the inverse of this operation | Solve and check $-6y - 1 = -19$ | Which is a solution for $-2f + 1 = 1$? a. 2 b. 0 c. -1 |
| 300 | Do this operation to isolate the variable in $6 + \frac{n}{4}$ | If you are adding to isolate the variable, you are undoing this | Solve and check $6.4 = 2w - 3.6$ | Explain how you know -3 is the solution for $m/3 + 1 = 0$ |
| 400 | Do this operation to isolate the variable in $2(t + 5)$ | Working backwards means you perform this | Solve and check $9 = \frac{z}{-6} + 7$ | Is -5 the value for n? $20 = -2n - 10$ |