

# RATE AND REVIEW

You rate movies, you rate restaurants, you can also rate math solutions!



## TRY IT

Give students a worked example and have them rate the strategy on a scale of 1 to 5 stars. Then write a review that explains their rating, much like they would rate & review a product.

## WHY TRY IT?

This instructional nudge helps students:

- attend to the problem-solving process
- make connections between steps
- engage with mathematical ideas and relationships

**Systems of Linear Equations Homework**

1. Donny solved the following system of linear equations. Review Donny's solution strategy.

$$\begin{aligned}x + y &= 3 \\2x - 3y &= 6\end{aligned}$$
$$\begin{aligned}2(x + y) &= (3)2 \\- 1(2x - 3y) &= (6)(-1) \\2x + 2y &= 6 \\- 2x + 3y &= -6 \\5y &= 0 \\y &= 0 \\x + 0 &= 3 \\x &= 3\end{aligned}$$

The solution is  $(3, 0)$

a. How many stars would you give Donny's solution?

b. Write a review of Donny's solution. Why did you give him that many stars?

His strategy works so he got 4 stars. He didn't get 5 because I was confused by the -1 in the second equation. It seems like that step made him take longer.

c. Would you recommend Donny's strategy for this type of problem to others? Why or why not?

No, I would not recommend Donny's strategy because it had too many steps. He did get the right answer but he could have done it better by multiplying the top by -2 or 3.

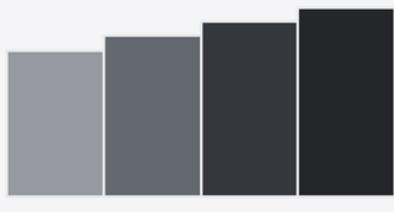
**CLICK FOR EXAMPLES AND TEMPLATE**

## LEVEL UP

Have students share their review with a partner, then compare and contrast their reviews.

Ask students, "How could this solution have earned more stars?"

Instead of a fully worked example, show students part of the solution and ask students to write a 1-, 3-, or 5-star solution.



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**+1 TRY ANOTHER**



**HOW'D IT GO?**

