

## 8.EE How Many Solutions?

### Task

Consider the equation  $5x - 2y = 3$ . If possible, find a second linear equation to create a system of equations that has:

- a. Exactly 1 solution.
- b. Exactly 2 solutions.
- c. No solutions.
- d. Infinitely many solutions.

Bonus Question: In each case, how many such equations can you find?



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