

## How to Solve Systems of Linear Equations with common terms using Elimination Method

Quick Write- You have learned to solve systems of linear equations using table of values. Why would you want to use a different approach to solve systems of linear equations?

TSW solve systems of linear equations using the

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Vocabulary:

### **Common Terms**

#### Example

$$x + y = 8$$

$$x + 2y = 10$$

$$2a + 3b = 29$$

$$2a - b = 17$$

$$4x + y = 9$$

$$3x - y = 5$$

#### Non-Example

$$3x + 2y = 6$$

$$x + 6y = 10$$

$$a + 7b = 28$$

$$4a + 2b = 15$$

$$2x + 7y = -32$$

$$4x - 5y = 12$$