

Ch 7.3 Day 2: *Elimination* or
Combination with *Multiplication*

Steps:

1. Write both equations so they are in the same format.
2. Decide which variable you want to eliminate by looking at the least common multiple.
3. Then multiply the equations by a number so that the coefficients are opposite LCM of each other.
4. Use the addition rule to solve.

Feb 25-8:44 AM

$$\text{Ex1a)} \quad \begin{aligned} 3x - 4y &= 7 \\ 2x - y &= 3 \end{aligned}$$

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$$\text{Ex1b)} \quad \begin{aligned} 2a + 6b &= 4 \\ 3a - 7b &= 6 \end{aligned}$$

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$$\text{Ex1c)} \quad \begin{aligned} 2u &= 4v + 8 \\ 3v &= 5u - 13 \end{aligned}$$

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$$\begin{aligned} 2m - 4 &= 4n \\ m - 2 &= n \end{aligned}$$

enter x as #1
enter y as #2

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2

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3 $3x = 6 - 5y$
 $-4x + 2y = 5$

enter x as question 3
enter y as question 4

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4

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