

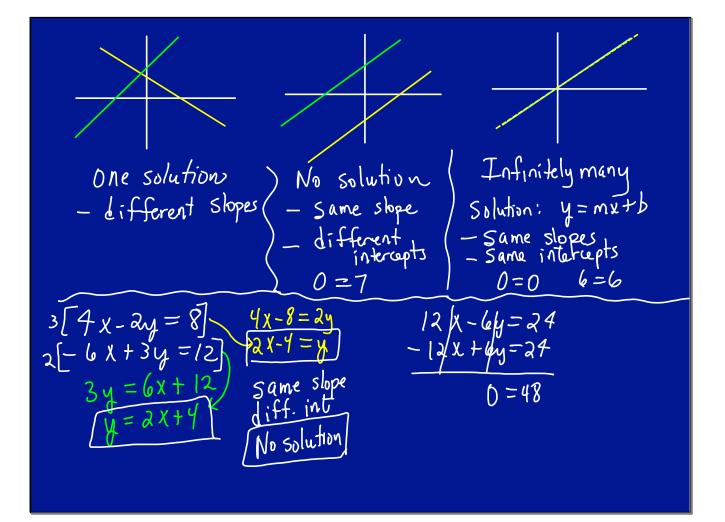
$$\frac{E \text{ LIMINATION}}{4 [3x + 8y = -1]} \\
-3 [4x - 5y = 30]$$

$$+ \frac{18x + 38y = -4}{-18x + 15y = -90} \qquad 4x - 5(-2) = 30 \\
4x + 10 = 30 \\
4x = 20 \\
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A dietician needs to mix 10 gallons of milk that is 2 1/2% milk fat for the day's rounds. He has some milk that is 4% milkfat and some that is 1 1/2% milkfat. How much of each should be used?

 On a recent camping trip, it took Molly and Sam 2 hr to row 4 mi upstream from the drop in point to the campsite. After a leisulrely weekend of camping, fishing and relaxation, they rowed back downstream to the drop in point in just 30 minutes. Find (a) the speed of the current and (b) the speed of Molly and Sam would be rowing in still water.

$$D = R \cdot 7$$

$$(y - x) \cdot 2 = 4$$

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