

## Exam #4 Review

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### Practice #1

Last year, Juan had to \$10,000 invest. He invested some of it in an account that paid 6% simple interest per year, and he invested the rest in an account that paid 7% simple interest per year. After one year, he received a total of \$680 in interest. How much did he invest in each account?

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### Practice #2

An airplane travels 4768 kilometers against the wind in 8 hours and 5568 kilometers with the wind in the same amount of time. What is the rate of the wind?

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**Practice #3**

Solve with substitution.

$$x - 7y = -11$$

$$5x + 2y = -18$$

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**Practice #4**

Solve by elimination.

$$3x + 9y = -6$$

$$-4x - 12y = 8$$

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**Practice #5**

You and a friend go to Tacos Galore for lunch. You order three soft tacos and three burritos and your total bill is \$11.25. Your friend's bill is \$10.00 for four soft tacos and two burritos. How much do soft tacos cost? How much do burritos cost?

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