

Math 05 Fall 2005, Quiz 5
Instructor: N. Apostolakis
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Name: _____

1. Solve the following system:

$$\begin{cases} 3x - 4y = 18 \\ 2x + 5y = -11 \end{cases}$$

2. Solve the following system:

$$\begin{cases} 2x + 3y = 16 \\ y = -2x + 4 \end{cases}$$

- John wants to invest \$8000 in two different plans. Plan A has an annual interest rate of 5% and plan B has an interest rate of 3%. How much should he invest on each plan if he wants at the end of the year to gain interest of \$360.?