













Name: _____

Date: _____ Block: _____

9.1 Solving Linear Systems by Substitution













Bell Work

#1

			Row sum = 46
			Row sum = 27
			Row sum = 32
			Row sum = 37
Column sum = 55	Column sum = 46	Column sum = 41	













 = _____  = _____  = _____

#2

			Row sum = 46
			Row sum = 18
			Row sum = 40
			Row sum = 54
Column sum = 60	Column sum = 52	Column sum = 46	













 = _____  = _____  = _____

#3

			Row sum = 56
			Row sum = 47
			Row sum = 55
			Row sum = 64
Column sum = 72	Column sum = 71	Column sum = 79	

 = _____  = _____  = _____

#4

			Row sum = 42
			Row sum = 18
			Row sum = 27
			Row sum = 30
Column sum = 50	Column sum = 32	Column sum = 35	

 = _____  = _____  = _____

Vocabulary

- _____ method: solve one equation for one _____, substitute that value into the other equation, and solve for the other variable

Your Turn:

1. Solve using substitution.

$$2x - 4y = 7$$

$$4x + y = 5$$

2. Jackson invested \$1800, part at an annual interest rate of 3.5% and the rest at an annual interest rate of 4.5%. After one year, the total interest was \$73.
 - a. Create a linear system to model this situation.

- b. Solve. How much money did Jackson invest at each rate?