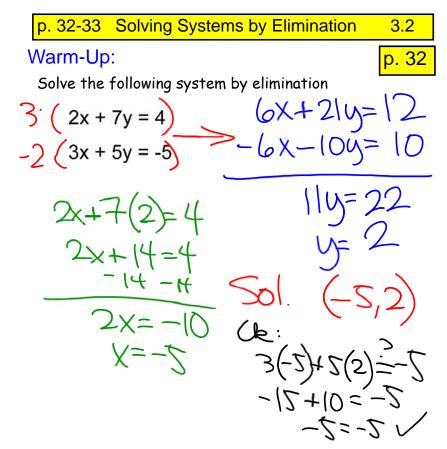
## 3 2 b Solving Systems by Elimination Day 2 32-33.notebook

## September 20, 2016



# What questions do you have?

Assignment p. 146 # 31, 33, 35, 38, 39

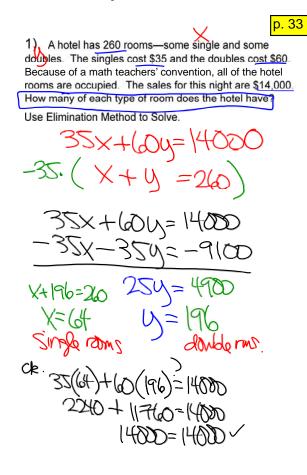
Solve each system by elimination.

**31.** 
$$\begin{cases} 4x - 6y = -26 \\ -2x + 3y = 13 \end{cases}$$
**32.**  $\begin{cases} 9a - 3d = 3 \\ -3a + d = -1 \end{cases}$ **33.**  $\begin{cases} 2a + 3b = 12 \\ 5a - b = 13 \end{cases}$ **34.**  $\begin{cases} 2x - 3y = 6 \\ 6x - 9y = 9 \end{cases}$ **35.**  $\begin{cases} 20x + 5y = 120 \\ 10x + 7.5y = 80 \end{cases}$ **36.**  $\begin{cases} 6x - 2y = 1 \\ -9x + 3y = 1 \end{cases}$ **37.**  $\begin{cases} 2x - 3y = -1 \\ 3x + 4y = 8 \end{cases}$ **38.**  $\begin{cases} 5x - 2y = -19 \\ 2x + 3y = 0 \end{cases}$ **39.**  $\begin{cases} r + 3s = 7 \\ 2r - s = 7 \end{cases}$ 

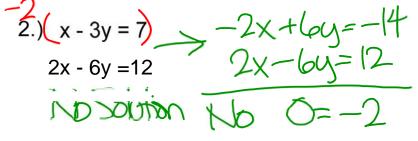
#### See Problems 4 and 5.

11 16

### 3 2 b Solving Systems by Elimination Day 2 32-33.notebook



Systems with many or no solutions.



3.) 2x - 6y = 12-5x + 15y = -30 (ES O= O) (infinite Solutions)