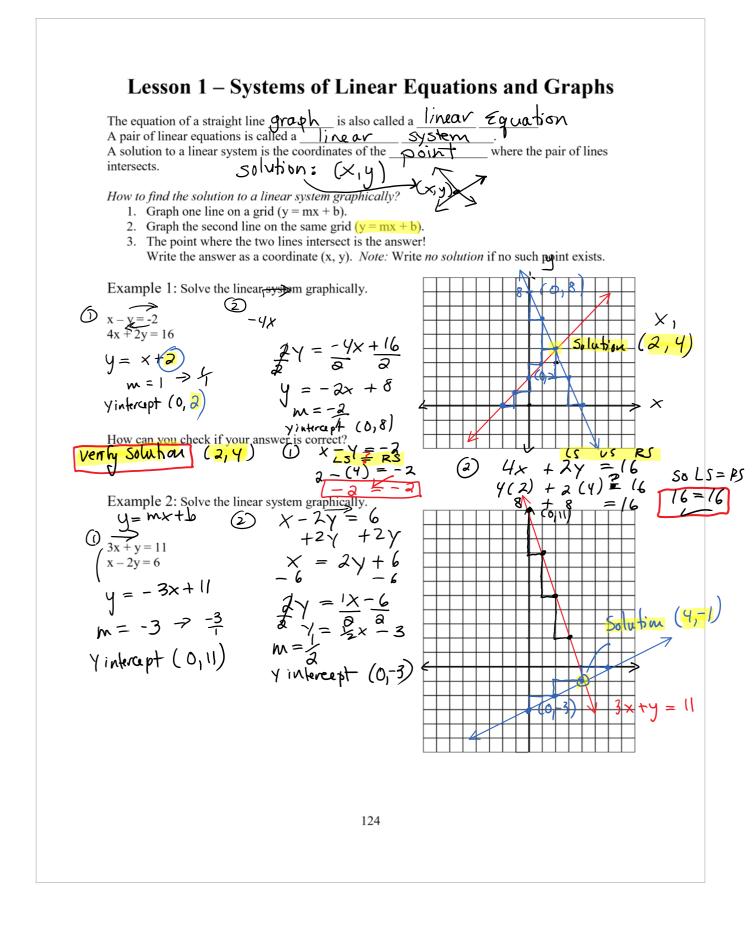
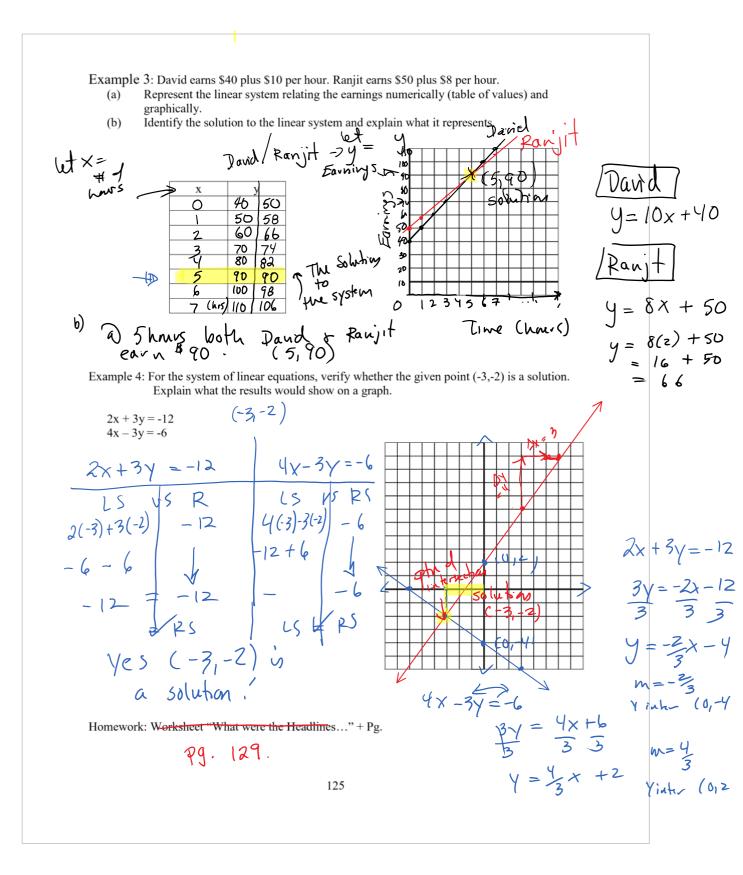
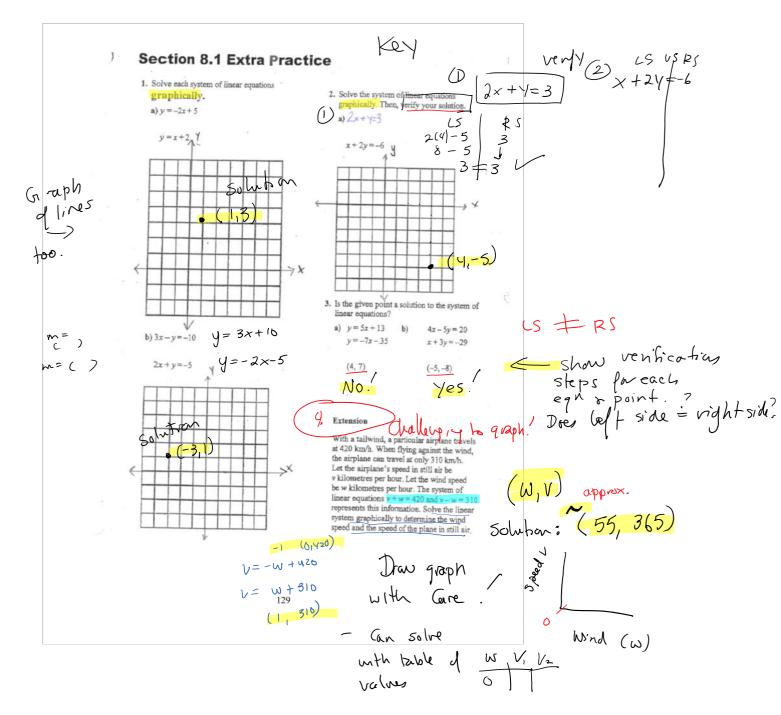
Page 2 June 1, 2020 3:03 PM

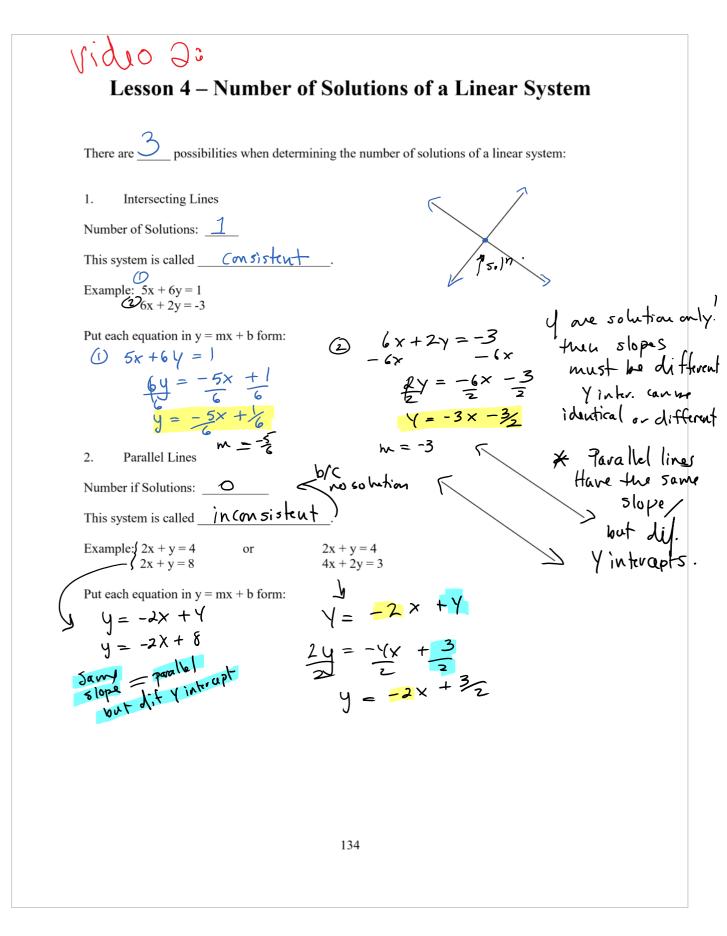




Page 7 June 1, 2020 3:03 PM



June 1, 2020 3:03 PM



## Page 13

June 1, 2020 3:03 PM

3. Coincident Lines in finit Number of solutions: This system is \_\_\_\_ Consistent Example: 2x + y = 4 2x + 2y = 8Put each equation in y = mx + b form: y = -2x + 4 (2) 4x + 2y = 8 -4x - 4x + 3  $y = -\frac{4}{2} + \frac{6}{2}$  50 Same line. Example 1: Given x - 2y = 8. Write a second equation to form a linear system with: Same 516PP (a) infinitely many solutions (b) no solution Solution (a) x - 2y = 8  $\frac{2y}{2t} = \frac{x}{2}$ Solution (a) x - 2y = 8  $2 \left( \chi - 2\gamma = 8 \right)^{\frac{1}{2} - \frac{1}{2}}$ (b) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = \frac{1}{2} - \frac{1}{2}$ (c) x - 2y = 8  $y = -2x - \frac{1}{2}$ 5, mpubico • Check to see if the system is consistent, otherwise if inconsistent the system is a pair of parallel lines, and there is no solution. x + y = • This system is: INCONSISTENT CONSISTENT LS US RS  $3 \times - 9 = 1$ 3(1) - (-2) = 13 + 2(1,-2)Assignment: Pg Online textbook. 135 5 \$ PS. 404/405 ptn (1,-2) ud-a solution # 1,2,3,6,7