

## ANSWERS to Median-median lines and Mayer lines Handout

- a) 1.  $y = 3.23x + 6.04$   $Md_1(2.5, 14)$   $Md_2(7.5, 30.5)$   $Md_3(13.5, 49.5)$   
2.  $y = 167.54$   $Mean(7.83, 31.33)$   
3.  $x = 29.09$
- b) 1.  $y = -0.73x + 49.49$   $Md_1(12, 45)$   $Md_2(19, 27)$   $Md_3(34, 29)$   
2.  $y = -23.51$   $Mean(21.67, 33.67)$   
3.  $x = -69.19$
- c) 1.  $y = 0.95x + 113.04$   $Md_1(118, 244.5)$   $Md_2(227, 290)$   $Md_3(327.5, 443.5)$   
2.  $y = 588.04$   $Mean(224.17, 326)$   
3.  $x = 617.85$
- d) 1.  $y = 3.12x + 6.71$   $M_1(3.83, 18.67)$   $M_2(12, 44.17)$   
2.  $y = 162.71$   $Mean(7.92, 31.42)$   
3.  $x = 29.90$
- e) 1.  $y = -0.31x + 35.45$   $M_1(15, 30.75)$   $M_2(42.75, 22.25)$   
2.  $y = 4.45$   $Mean(28.88, 26.5)$   
3.  $x = -208.23$
- f) 1.  $y = 1.19x + 44.42$   $M_1(177.2, 255.6)$   $M_2(323.6, 429.2)$   
2.  $y = 639.42$   $Mean(250.4, 342.4)$   
3.  $x = 550.91$