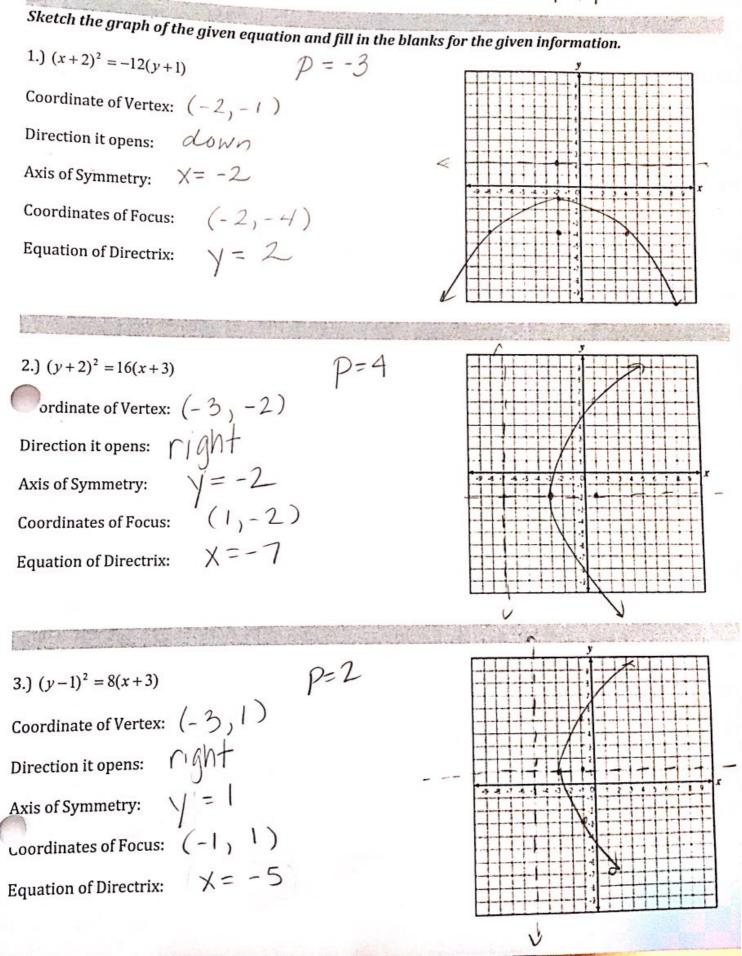
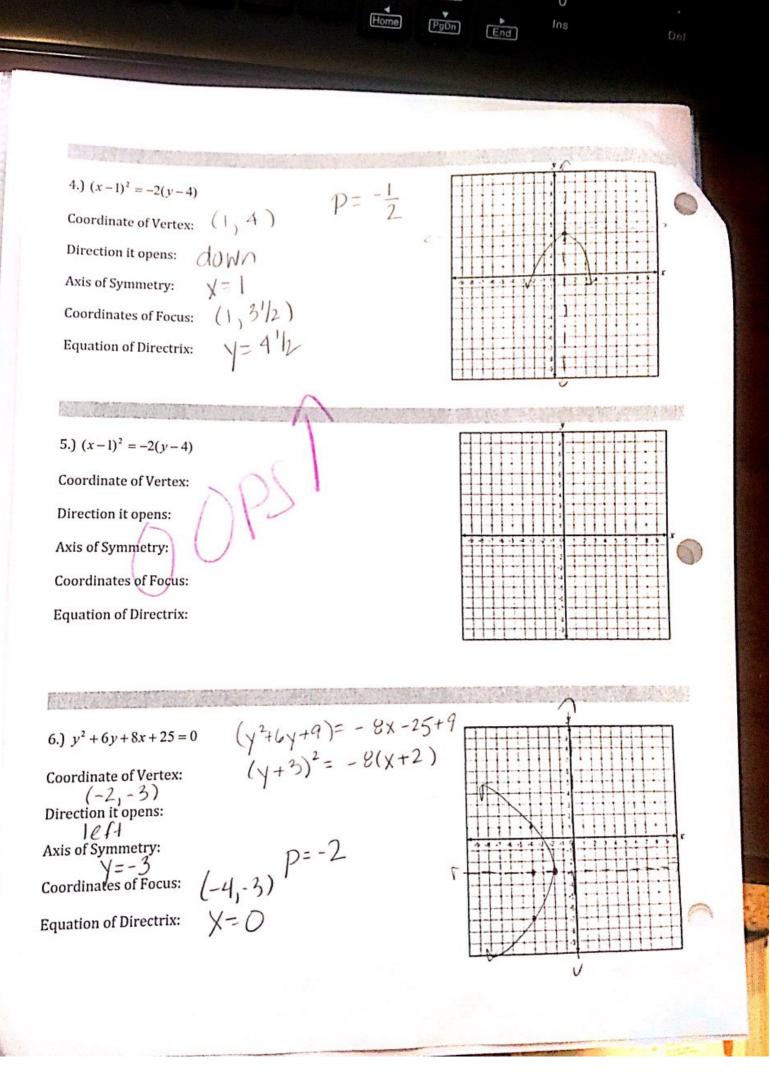
PreCalculus WS: 9.1

Fil

2017 Name UM Date 2/22, 2/23 Block 62, 1A



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 $\sum_{\substack{(x^2-2x+8y+9=0 \\ (x^2-2x+1)=-9y-9+1 \\ (x-1)^2=-9(y+1)}} x^{2}-2x+1=-9y-9+1}$ Coordinate of Vertex:  $\sum_{\substack{(1,-1) \\ (x-1)^2=-9(y+1) \\ (x-1)^2=-9(y+1) \\ p=-2$ Axis of Symmetry: x=1Coordinates of Focus:  $\sum_{\substack{(1,-3) \\ (x-1)^2=-9(y+1) \\ ($  8.  $y^2 = -12x$ 9.  $(y + 4)^2 = 8(x + 4)$ 10.  $(x + 5)^2 = -12(y - 6)$ 11.  $(y - 3)^2 = -8(x - 4)$ 12.  $(x - 1)^2 = 16(y + 5)$ 13.  $(y + 8)^2 = -8(x + 2)$ 14.  $(y - 1)^2 = -20(x - 5)$ 15.  $(y - 9)^2 = 4(x + 5)$