LP 2017-11-07

-> lab report

-> balloon problem

1 
$$M = (5, -3)$$
  $f = 2$ 

2  $M = (-3, 4)$   $f = 6$ 

3  $M = (\frac{2}{3}, -\frac{1}{2})$   $f = \frac{1}{4}$  AND

4  $M = -6$   $M = (-2, 1)$ 

5  $M = -3$   $M = (4, -1)$ 

6  $M = \frac{3}{5}$   $M = (\frac{1}{6}, -\frac{1}{2})$ 

1  $(x-5)^2 + (y+3)^2 = 4$ 

1  $(x-5)^2 + (y+3)^2 = 4$ 

1  $(x+3)^2 + (y-4) = 36$ 

2  $(x+3)^2 + (y-4) = 36$ 

3  $(x+3)^2 + (y-4)^2 = 36$ 

3  $(x+3)^2 + (y+4)^2 = (-6)(x+3)^2 + ($ 

M = (2-3) Q = 4 b = 6 M = (-2-6) Q = 5 b = 4  $M = (\frac{1}{4} - \frac{3}{2})$   $Q = -\frac{1}{4}$  b = 3EULIPSES AND M=(3,5) Q=4 b=1 HYPERBOLAS M = (6 - 2) a = 4 b = 2 M = (4 - 2) a = 2  $b = \frac{2}{3}$ 9x2+4y2-36x+24y-72=0 16x2+25y2+64x+300y+564=0 7056x2+16y2-3528x+48y+333=0 -x2+16y2+6x-160y+407=0 -x2+442+12x+164-4=0 -16x2 + 144y2 + 56x + 576y + 591 = 0