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ASSIGNMENT-1

(X1,41) P1 = (-0.30738, -0.62208) (2018) P2 = (3.69262, 3.37792)

(23+43) P3 = (4.69262, 0.37792)

(xy, y) Py = (3.69262, -0.62208)

(25, ys) Pr = (5.69262, 3.37792)

(26, 46) PG = (0.69262, 2.37792)

a) General 2nd order eq for a conic section :-

 $ax^2 + by^2 + 2hxy + 2gx + 2fy + c = 0$

On putting values of and y (x, y,), (x, y,), (x, y6))
We get a system of 6 eg/18 and 6 unknowns 1

On solving those, we get the desired

. (where b', a' are lengths of semi-

major axis of the

Teacher's Signature _

Man height = H + 22

(H, Ve are calculated along)

4

and all on



