

MATH 261 Quiz 3

Name: \_\_\_\_\_

Student number: \_\_\_\_\_

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Show all work. 5 points each.

1) Find the symmetric equations for the line through the points  $(0, \frac{1}{2}, 1)$  and  $(2, 1, -3)$ .

2) Find an equation of the plane that passes through the points  $P(1, 3, 2)$ ,  $Q(3, -1, 6)$  and  $R(5, 2, 0)$