

[Q1a]

4 full marks - correct solution

(-0.5 for every calculation error, up to a max of 1.5)

2020W A33 Quiz 1 T22 Rubric

[Q1b]

4 full marks - correct solution

(-0.5 for every calculation error, up to a max of 1.5)

[Q2]

1 mark - expressed the matrix using a system of linear equations

4 marks - solved using matrices or linear equations

1 mark - correct value of x and y

(-0.5 for every wrong value of x and y)

[Q3]

3 marks - column vector

3 marks - row vector

2 marks - multiplication of those two

(-0.5 for every calculation error, up to a max of 1.0)

[Q4]

3 marks - equation of state tax

3 marks - equation of fed tax

2 part marks - if it looks somewhat relevant

2 marks - answer to state and fed tax, exact whole numbers

1 part marks - if u tried

1 part marks - expressed in fractions

0 marks - just wrote the answer

*the point of this was to practice manipulation of really small,
or big numbers in a matrix using scalar multiples