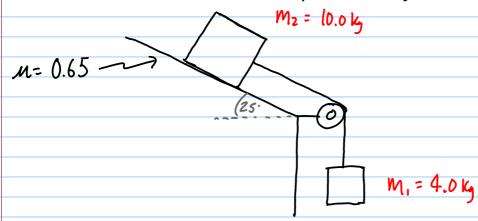
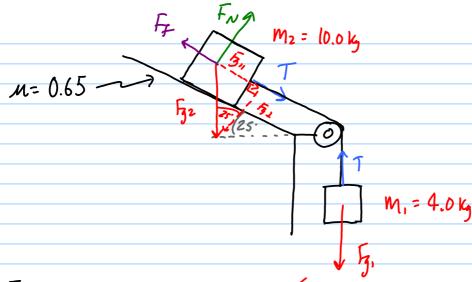
Quiz 4 b

Note Title 23/10/20

Determine the tension in the rope in the system shown below.





$$f_{3,1} = m_{1}g = 54.2 N$$

$$f_{3,211} = m_{2}g \sin 25^{\circ} = 41.42 N V$$

$$a = \frac{\sqrt{1635} + \sqrt{1635}}{m_{+}} = \frac{39.2 + 41.42 - 57.73}{(4.0 + 10.0)} = 1.635 \text{ m/s}^{2}$$