

Math 34A Quiz 2

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Section Time: MW 8:30-9:20

- 1 Find the equation of the line passing through the points (1,2) and (3,1)

$$m = \text{slope} = \frac{1-2}{3-1} = \frac{-1}{2}$$

$$y = mx + b$$

$$y = -\frac{1}{2}x + b$$

$$2 = -\frac{1}{2} + b$$

$$\frac{5}{2} = b$$

$$y = -\frac{1}{2}x + \frac{5}{2}$$