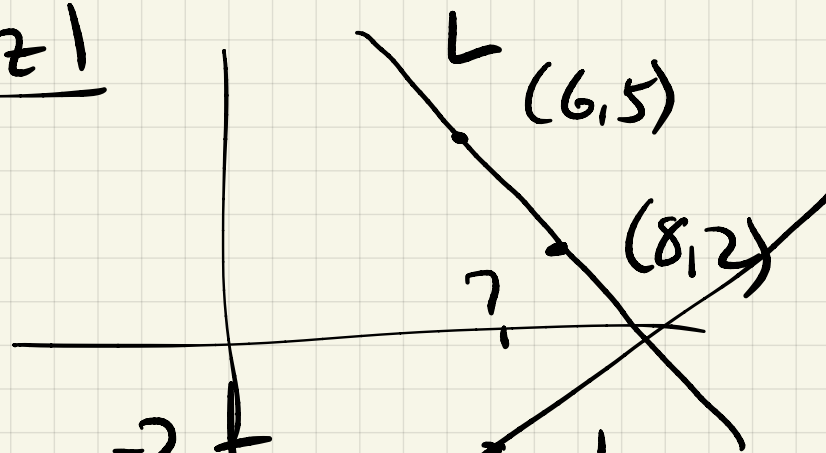


Quiz 1



$$1. m = \frac{5-2}{6-8} = \frac{3}{-2} = -\frac{3}{2}$$

$$\text{so } y-5 = -\frac{3}{2}(x-6) \Rightarrow$$

$$y = -\frac{3}{2}x + 14$$

$$2. x=0 \Rightarrow y=14 \text{ is } y\text{-int.}$$

$$y=0 \Rightarrow -\frac{3}{2}x + 14 = 0 \Rightarrow x = \frac{28}{3} \text{ } x\text{ int.}$$

$$3. m = \frac{2}{3},$$

$$y+2 = \frac{2}{3}(x-7) \Rightarrow$$

$$y = \frac{2}{3}x - \frac{20}{3}$$

4.