

Mth 112 Class notes

Tues. 9-11-12

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$$3y + 2x = -5 \quad | \quad 2y + 3x = -1$$

$$3y = -2x + 5 \quad | \quad 2y = -3x - 1$$

$$y = -\frac{2}{3}x + \frac{5}{3} \quad | \quad y = -\frac{3}{2}x - \frac{1}{2}$$

NEITHER // or $\perp$

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Plot x & y intercept, sketch
 $(x_i, 0)$ $(0, y_i)$

$$x = -2y \quad \therefore y = -\frac{1}{2}x$$

$$y = mx + b$$

x	y
0	0
2	-1
4	-2

x and y intercepts

