

## Intercepts and Slope - Key

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In problems 1-5, find the x- and y-intercept

1. $x\text{-int} : \left(\frac{1}{2}, 0\right)$ $y\text{-int} : \left(0, \frac{-2}{5}\right)$	2. $x\text{-int} : (2, 0)$ $y\text{-int} : (0, 4)$
3. $x\text{-int} : \left(\frac{5}{7}, 0\right)$ $y\text{-int} : (0, -5)$	4. $x\text{-int} : (4, 0)$ $y\text{-int} : (0, -6)$
5. $x\text{-int} : \left(\frac{-5}{2}, 0\right)$ $y\text{-int} : (0, 1)$	

In problems 6-9, find the slope of the line passing through the two points

6. $m = \frac{1}{2}$	7. $m = 3$
8. $m = \frac{-5}{4}$	9. $m = \frac{-5}{3}$