

Lines

slope-int \rightarrow general

$$(-m)x + y = b$$

general \rightarrow slope-int

$$y = \left(\frac{-a}{b} \right) x + \frac{c}{b}$$

Line Intersection

$$y = m_1x + b_1$$

$$y = m_2x + b_2$$

Question. Given two lines, where do they intersect?