

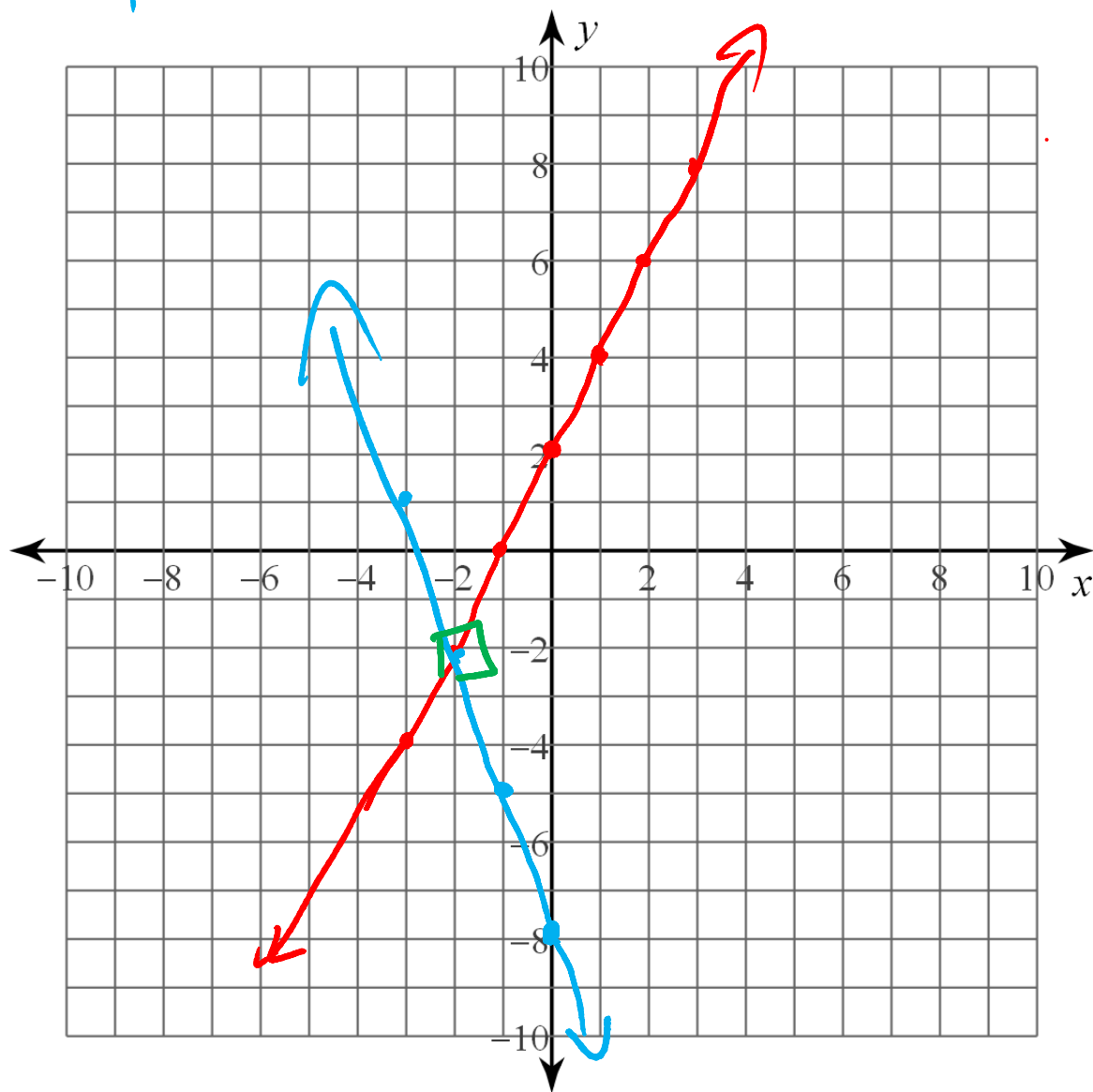
Mathematics 10D

1.2 – Solving POI by Graphing

Mr. D. Hagen

$$y = 2x + 2$$

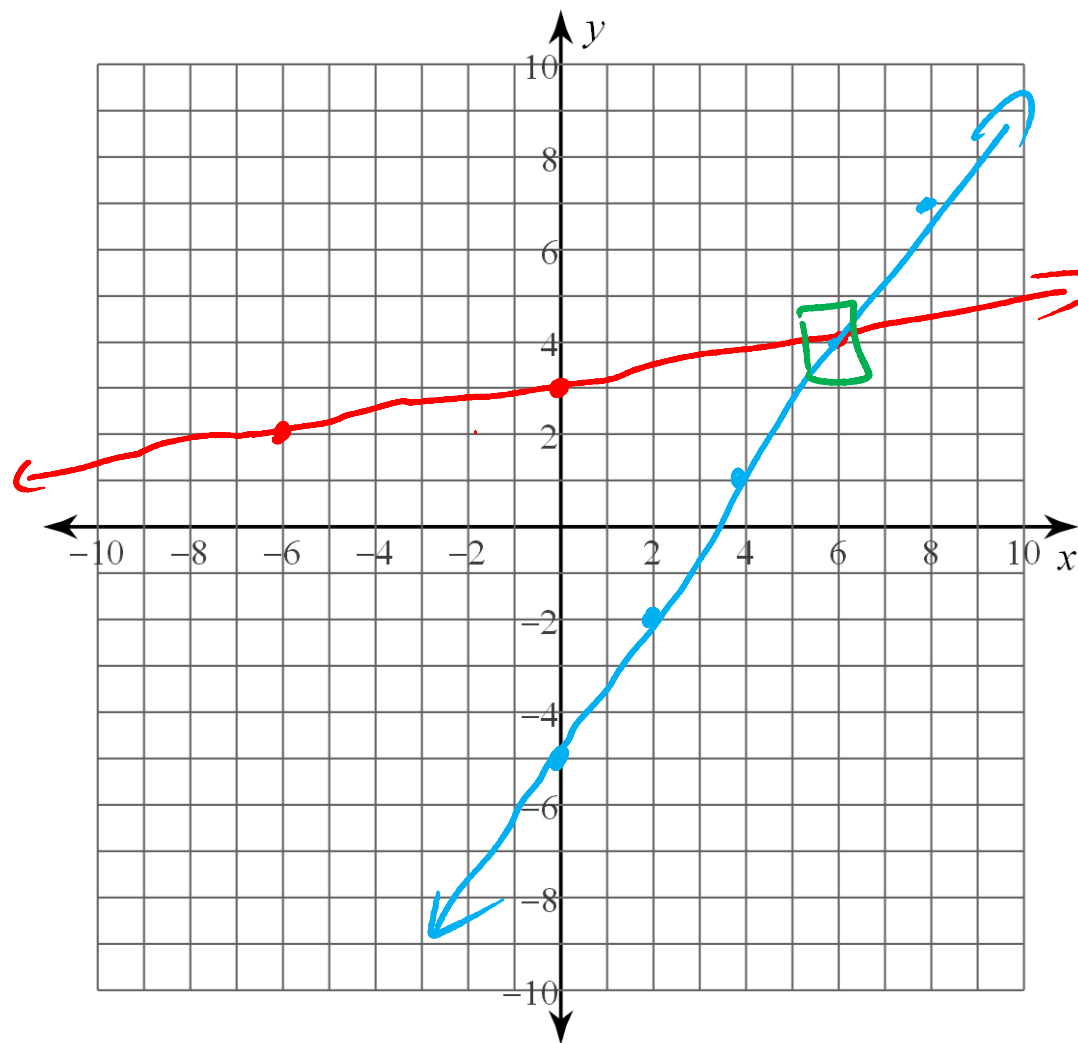
$$y = -3x - 8$$



P.O.I is $(-2, -2)$

$$y = \frac{1}{6}x + 3$$

$$y = \frac{3}{2}x - 5$$



Point is (6, 4)

$$x + 9y = -27$$

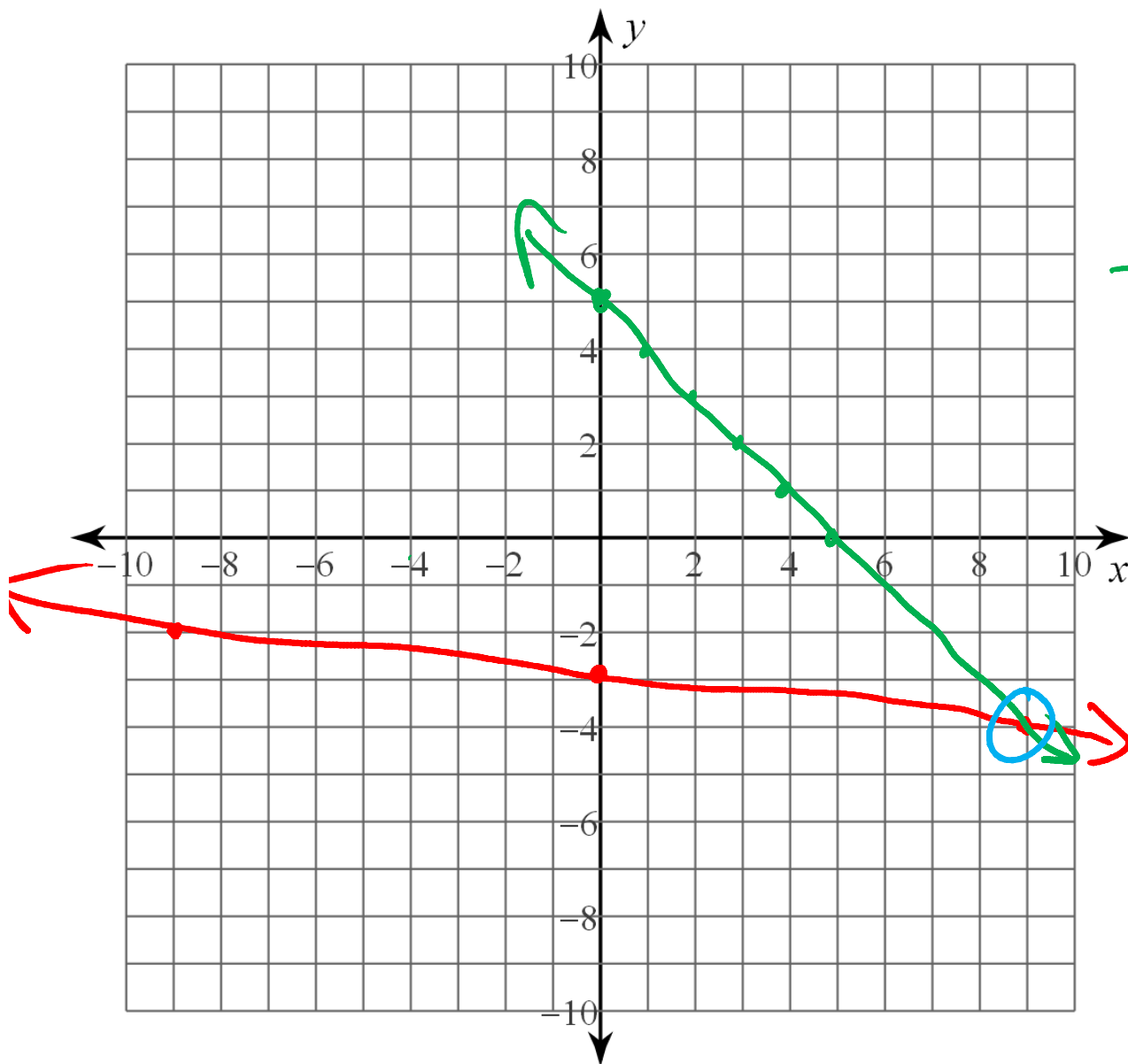
$$x + y = 5$$

$$\frac{9y = -x - 27}{9}$$

$$y = -\frac{1}{9}x - 3$$

$$y = -\frac{1}{9}x + 5$$

$$\text{PoI } (9, -4)$$



$$x + 6y = 42$$

$$\underline{-2y = 2 + 3x}$$

$$\frac{6y = -x + 42}{6}$$

$$y = -\frac{1}{6}x + 7$$

$$y = -\frac{3}{2}x - 1$$

Poi is $(-6, 6)$

