

Slope-Intercept Form

$$* y = mx + b$$

slope

y-int (0,b)

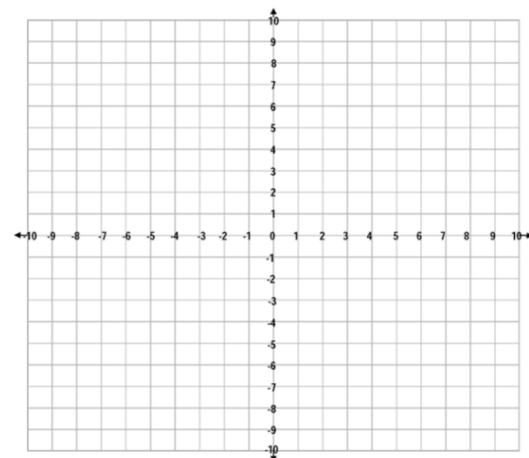
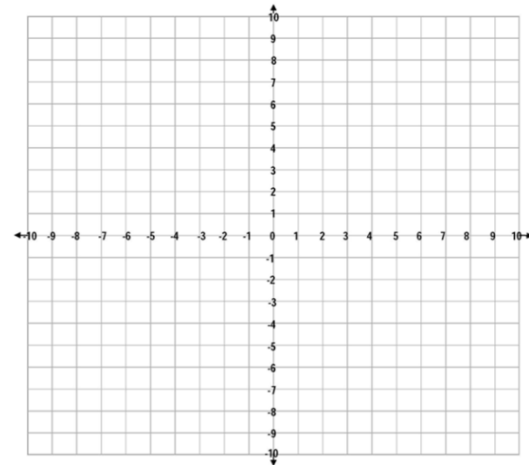
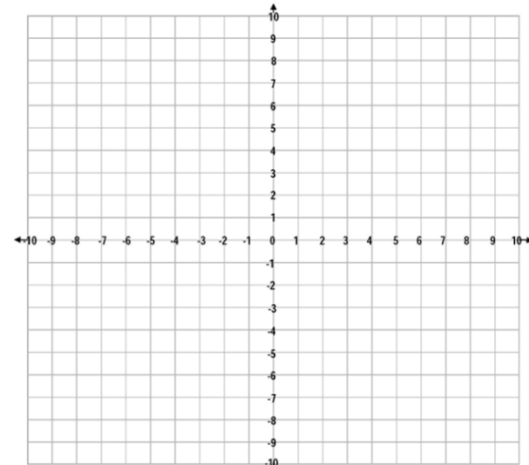
up down
left right

Find the slope and y-int and graph

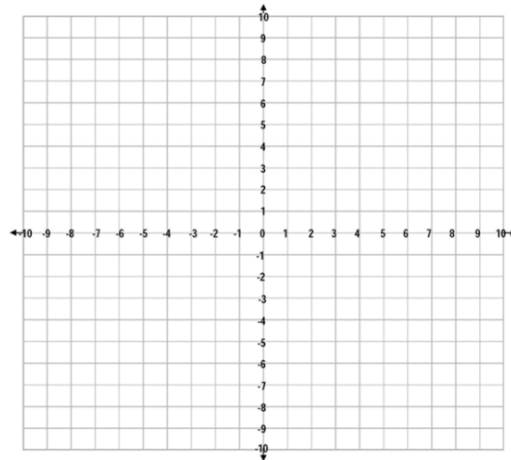
Ex1) $y = 2x + 3$

Ex2) $2x + y = -2$

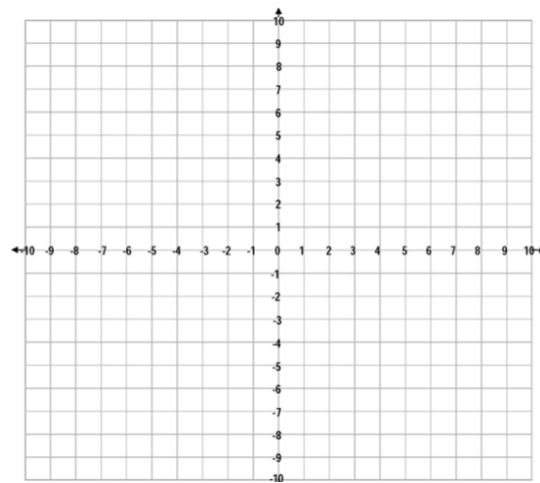
Ex3) $y + 3x = 7$



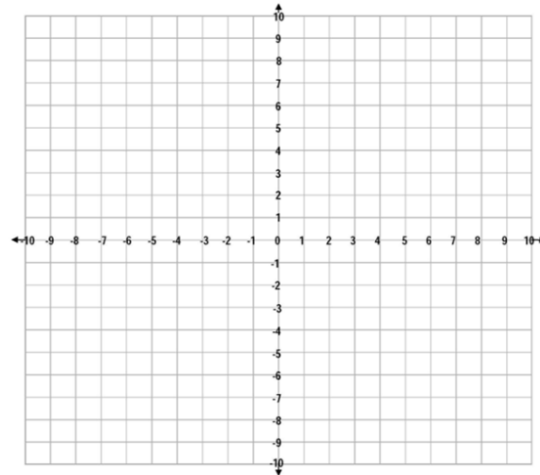
Ex4) $3x - 3y = 12$



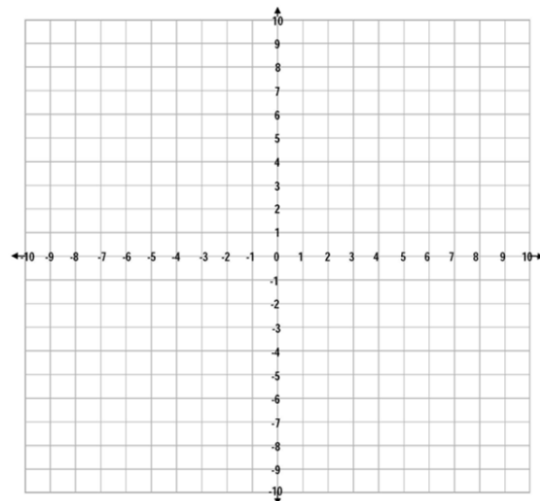
Ex5) $15x + 5y = 30$



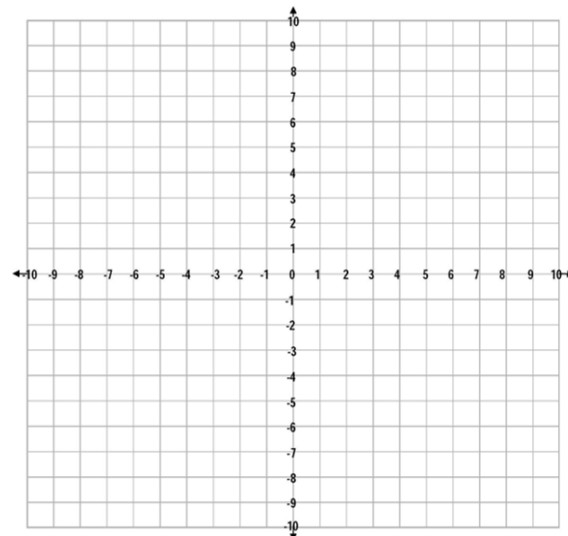
Ex6) $2x - y = 16$



Ex7) $y = -5x$

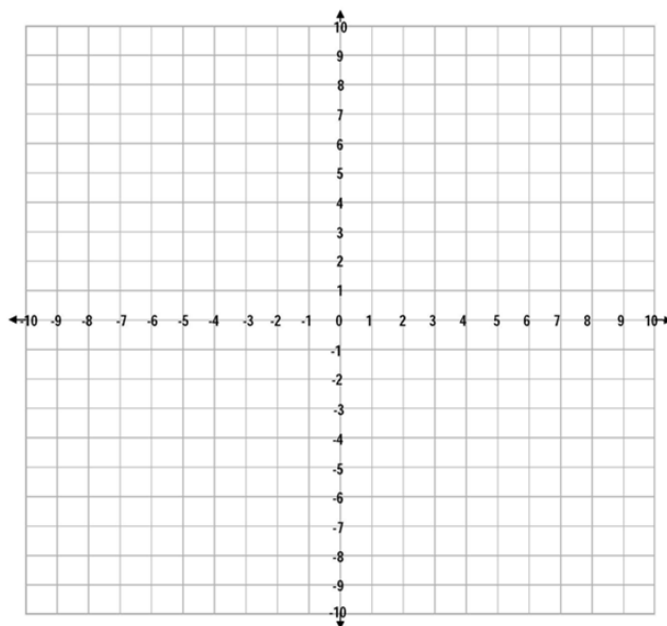


Ex8) $y = 5$



Ex9) A plumber charge \$65.00 service fee and \$50.00 per hour.

a) Write an equation



b) What is the cost of $2\frac{1}{2}$ hrs work?