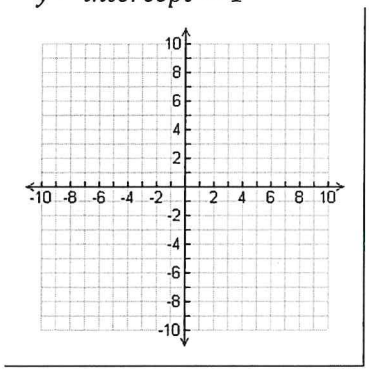
Graphing Linear Equations – Day 3

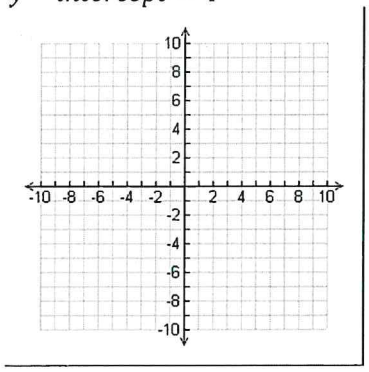
Unit 3: Introduction to Functions

Sketch the graph of each line.

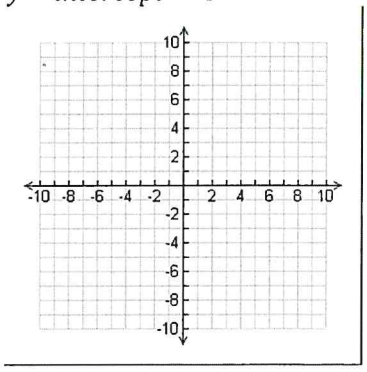
1. $x - intercept = -2$, $y - intercept = 1$



2. $x - intercept = -1$, $y - intercept = 4$

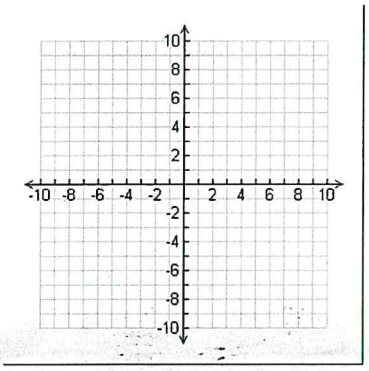


3. $x - intercept =$, $y - intercept = 4$

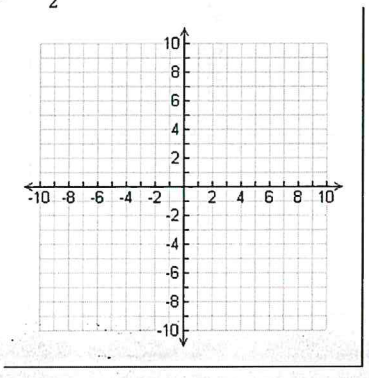


Sketch the graph of each line and identify the slope and the y-intercept of each line.

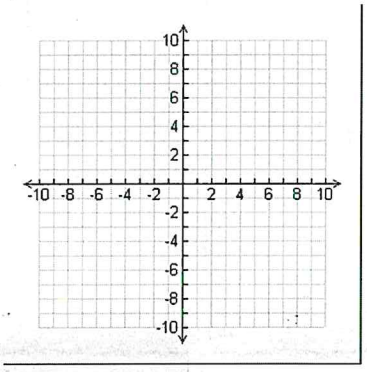
4. $y = 2x - 5$



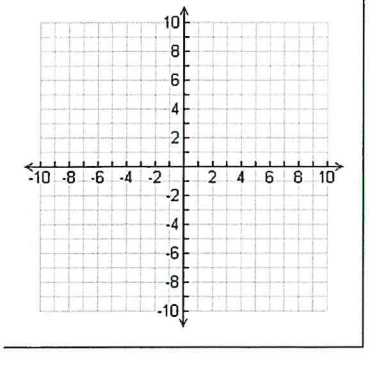
5. $y = \frac{3}{2}x - 1$



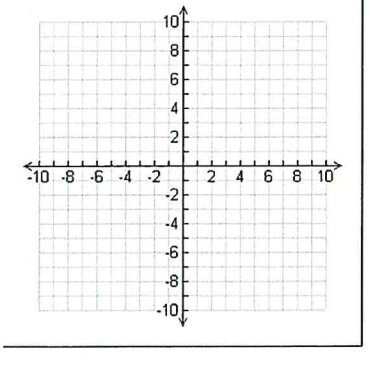
6. $y = 2x - 3$



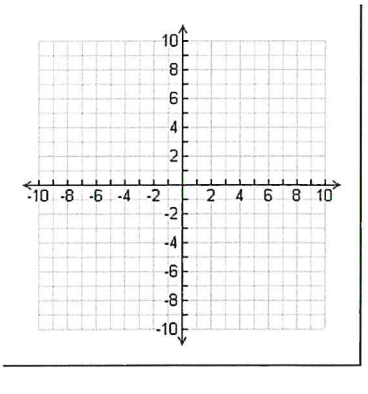
7. $y = \frac{1}{3}x - 4$



8. $y = -\frac{5}{4}x + 5$

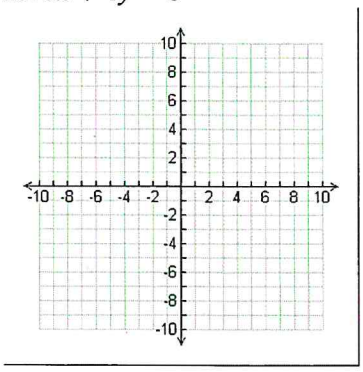


9. $y = x - 1$

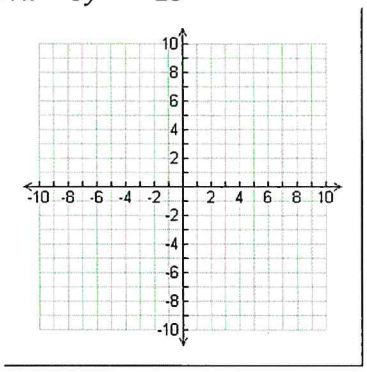


Identify the slope-intercept form of the given standard form equation and then sketch the graph of the function. Identify the slope and the y-intercept of each function.

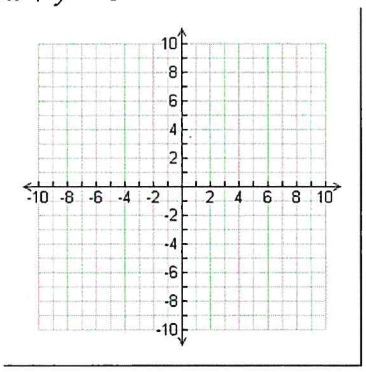
10. $3x + 4y = 8$



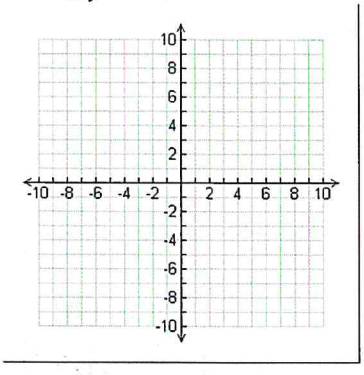
11. $7x - 5y = -25$



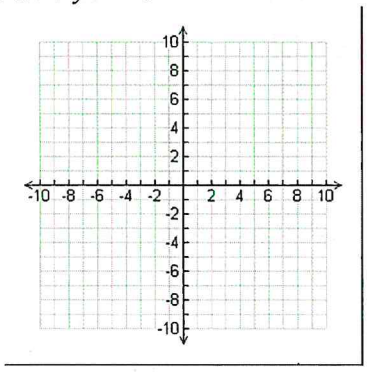
12. $x + y = 4$



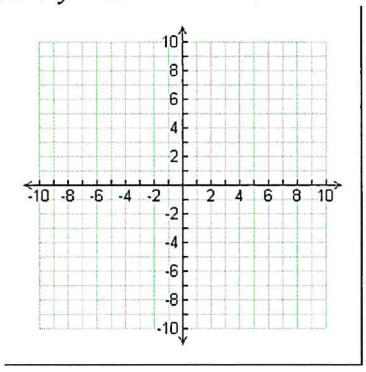
13. $x + y = -4$



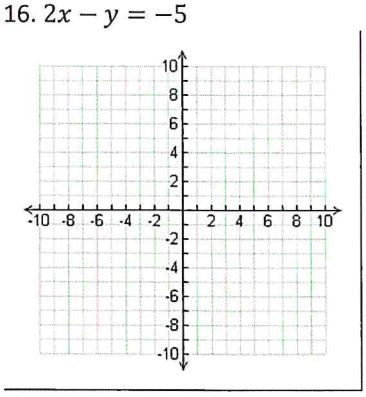
14. $3x + y = -5$



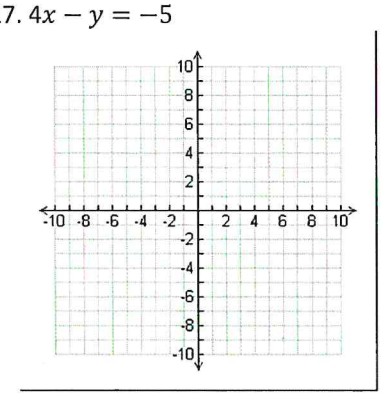
15. $x + y = 1$



16. $2x - y = -5$



17. $4x - y = -5$



18. $3x + y = 5$