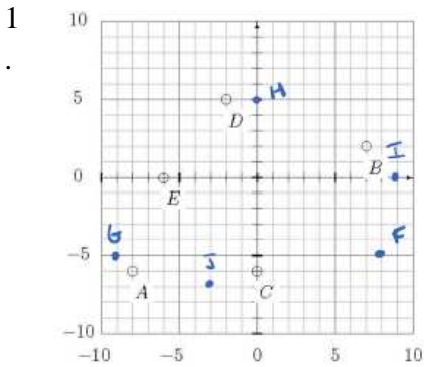


MAT090 – Practice Exam 4 – F11 – v1



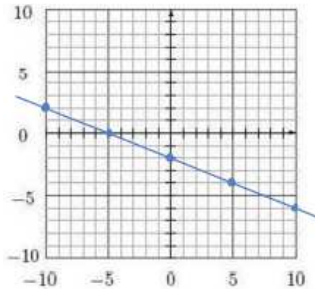
2. (-4,-12)
3. (5,6)
4. (2,1) and (12,-4)
5. (4,1) and 0, 3)
6. Answer will vary

x	y	x	y
-10	-7	2	-1
-8	-6	4	0
-6	-5	6	1
-4	-4	8	2
-2	-3	10	3
0	-2	12	4

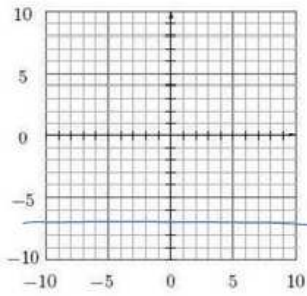
7. Answer will vary

x	y	x	y
-12	-12	3	-2
-9	-10	6	0
-6	-8	9	2
-3	-6	12	4
0	-4		

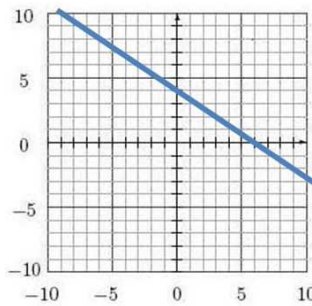
8. $m = -2/5, b = -2$



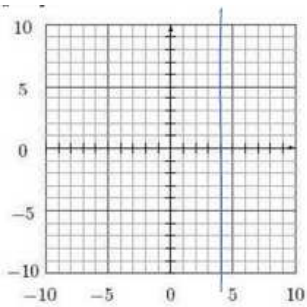
9. $m = 0, b = -7$



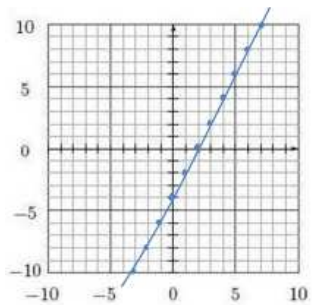
10. $m = -2/3, b = 4$



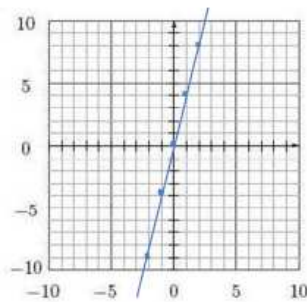
11. $m = \text{undefined}, b = \text{none}$



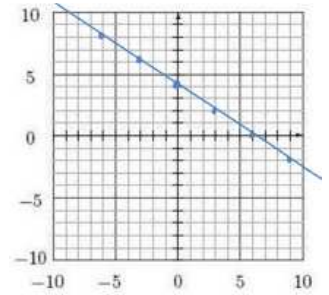
12. $m = 2, b = -4$



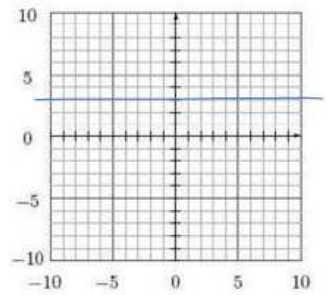
13. $m = 4, b = 0$



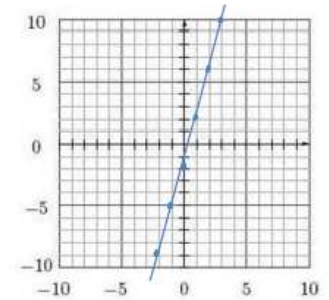
14. $y = -\frac{2}{3}x + 4$



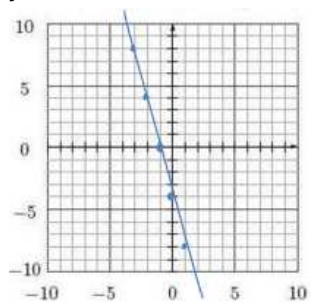
15. $y = 3$



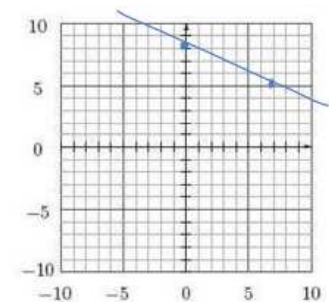
16. $y = 4x - 2$



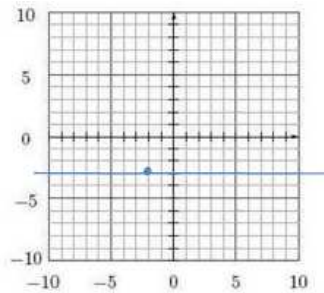
17. $y = -4x - 4$



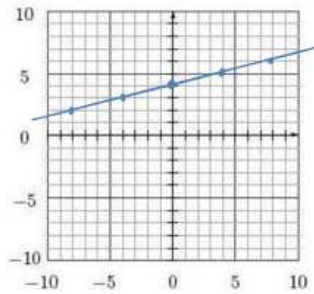
18. $y = -\frac{3}{7}x + 8$



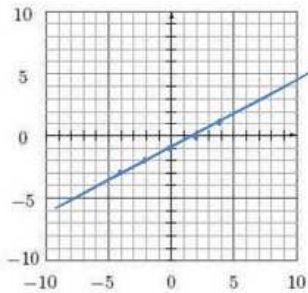
19. $y = -3$



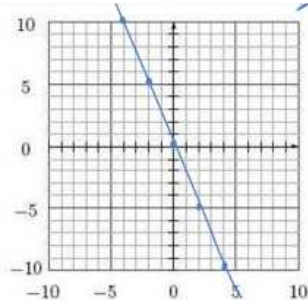
20. $y = \frac{1}{4}x + 4$



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



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



23. $M_1 = -3/2$ $M_2 = -2/3$

therefore, Neither

24. $M_1 = 5/2$ $M_2 = 5/2$

therefore, Parallel

25. $M_1 = 3/4$ $M_2 = -4/3$

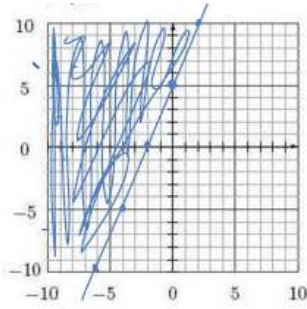
therefore, Perpendicular

26. $x = -2$

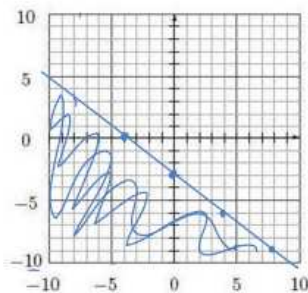
27. $y = -\frac{1}{3}x - 3$

28. $y=2$

29. $y \geq \frac{5}{2}x + 5$



30. $y < -\frac{3}{4}x - 3$



31. $y < \frac{2}{3}x - 2$

