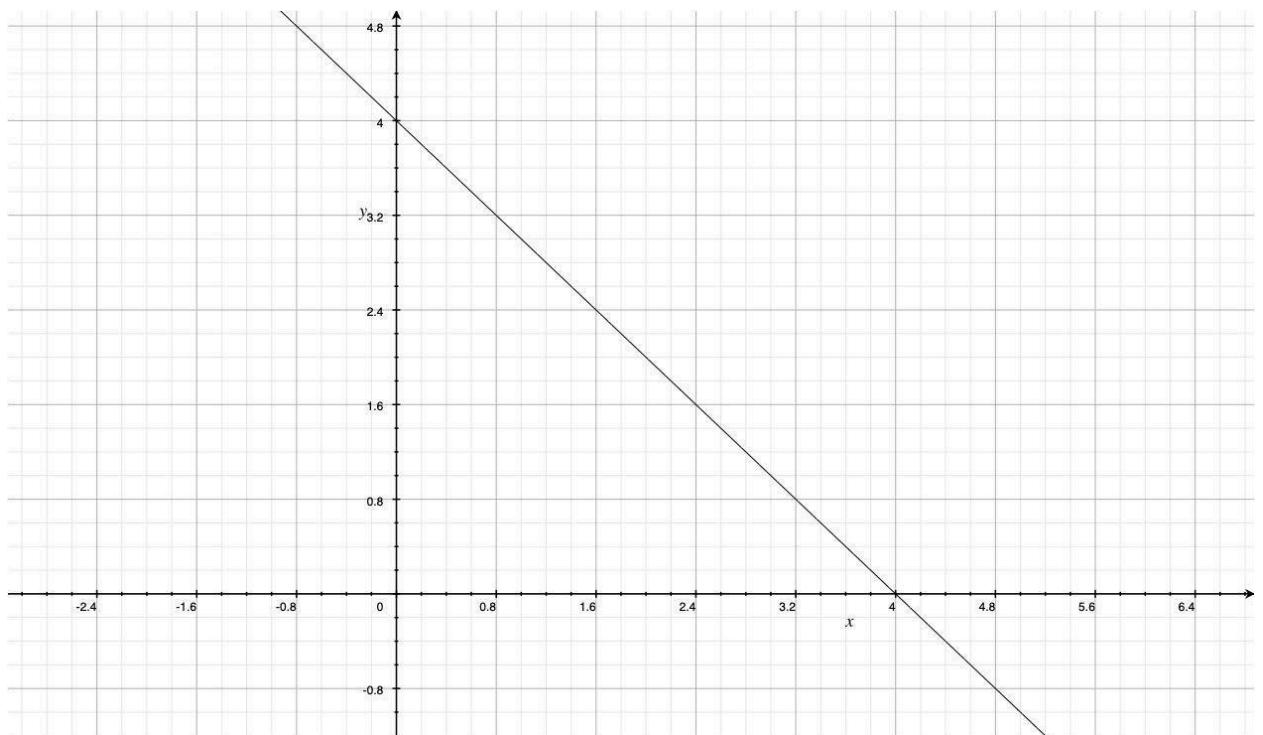


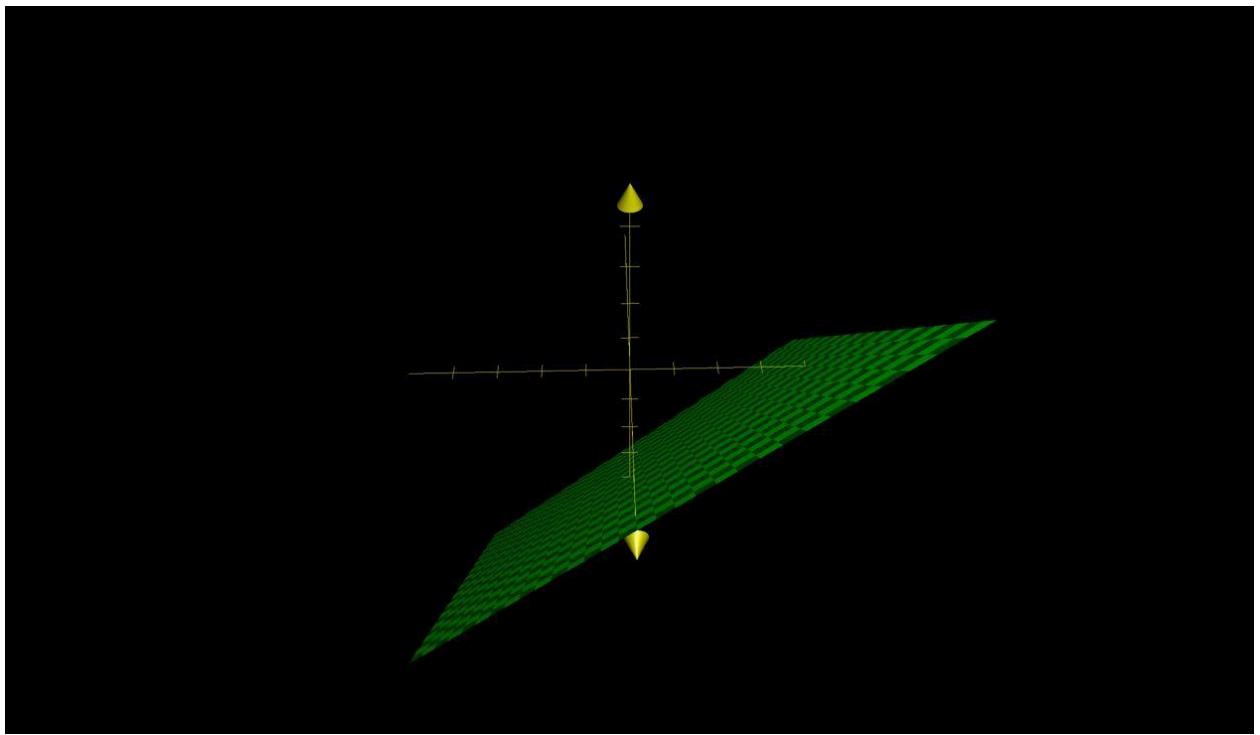
# Assignment-4(grapher)

Siddharth Reddy(*Mark Zuckerberg*)

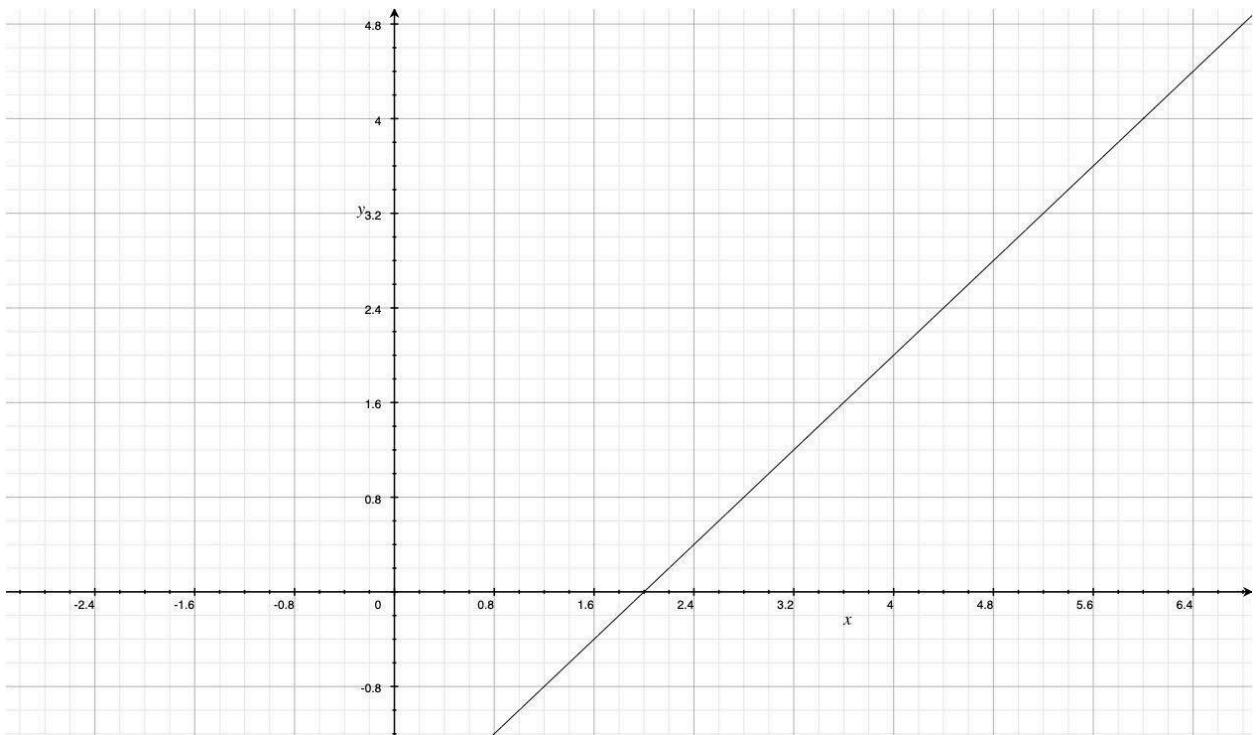
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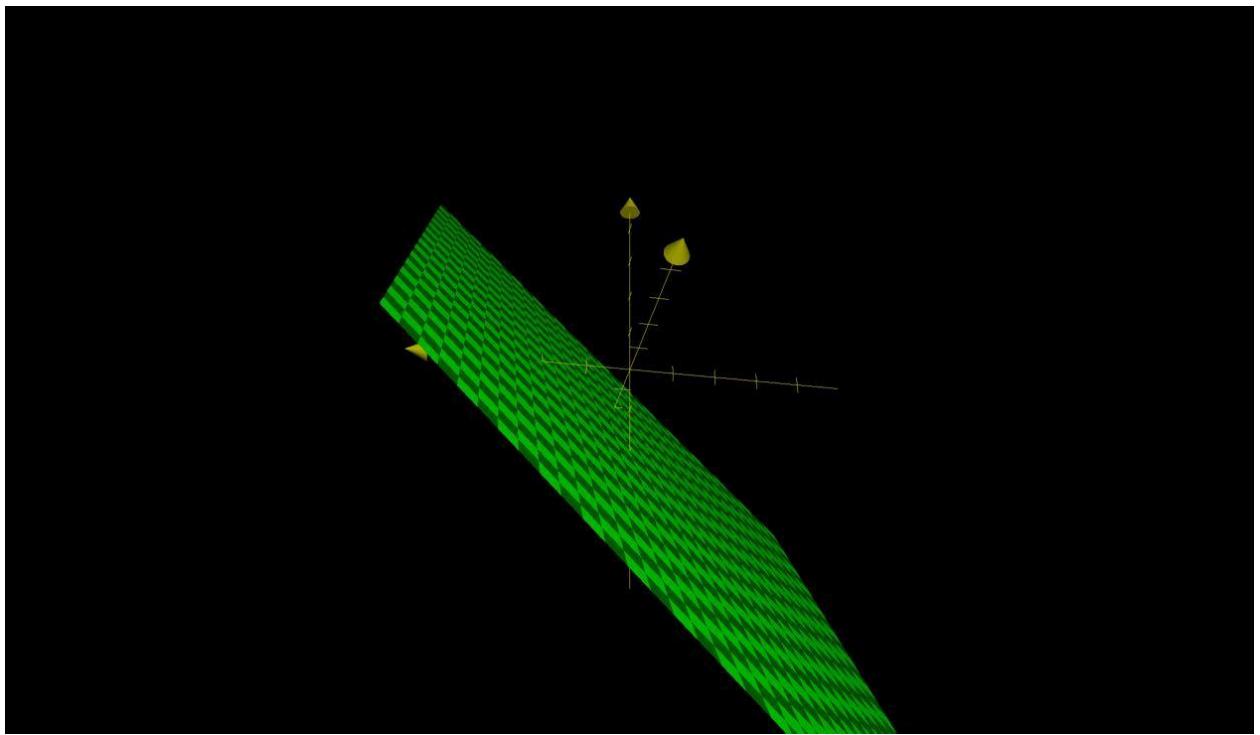
Q1.  $x+y=4$



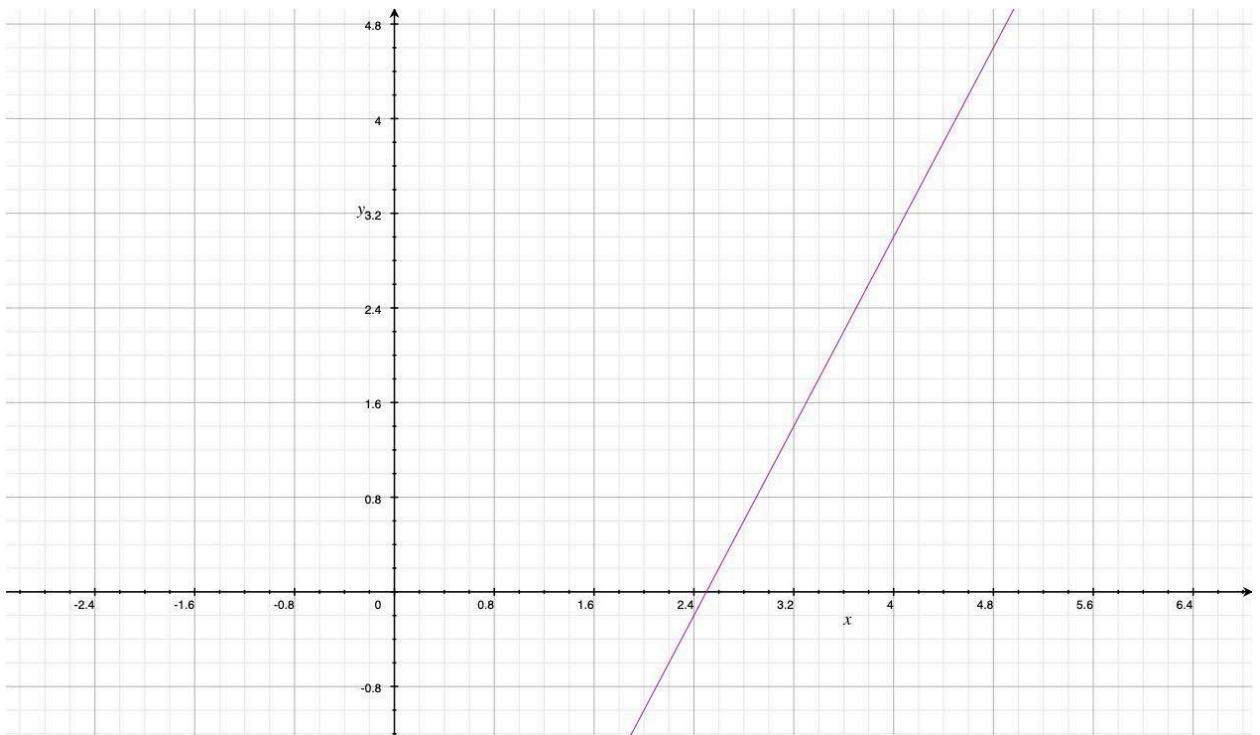


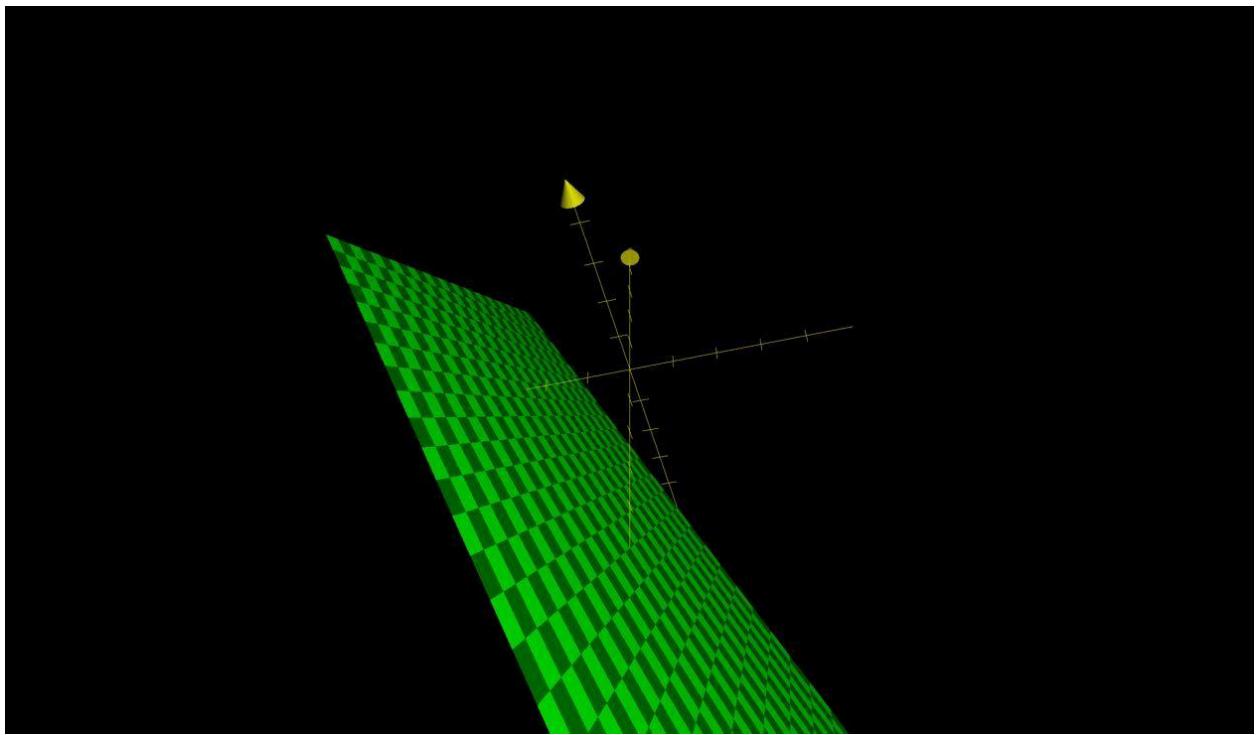
Q2.  $x-y=2$



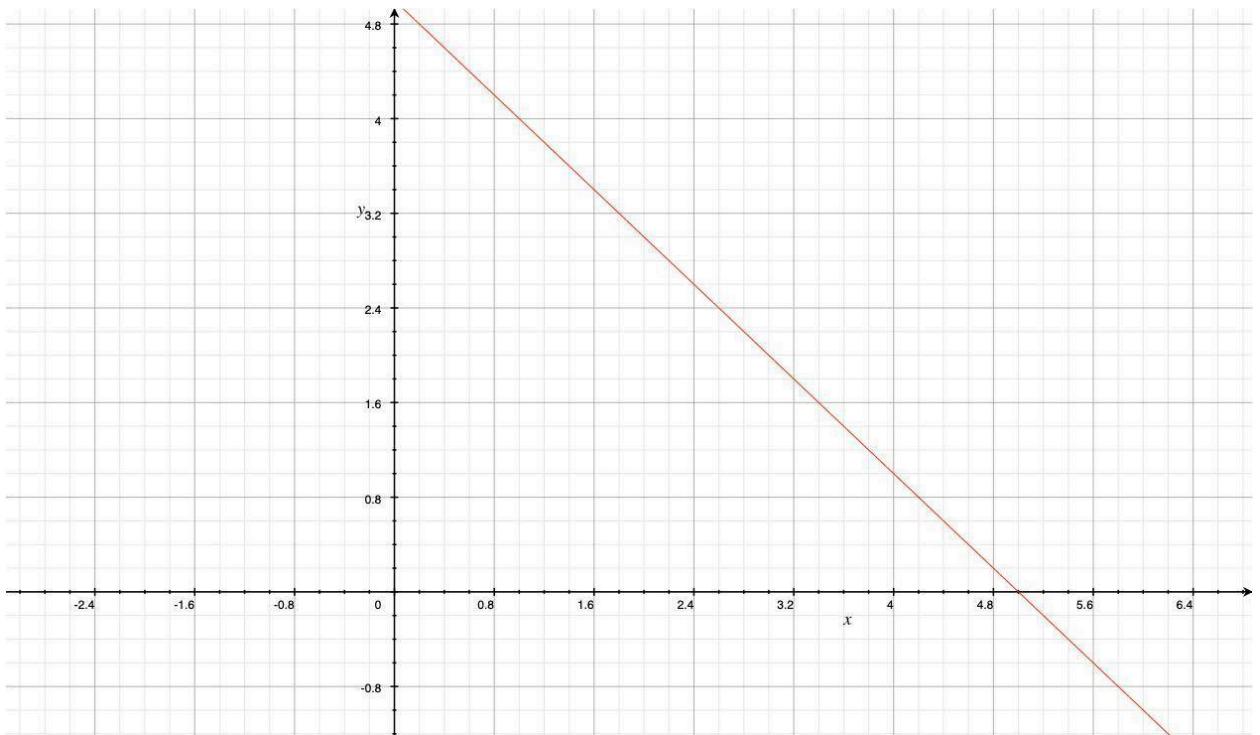


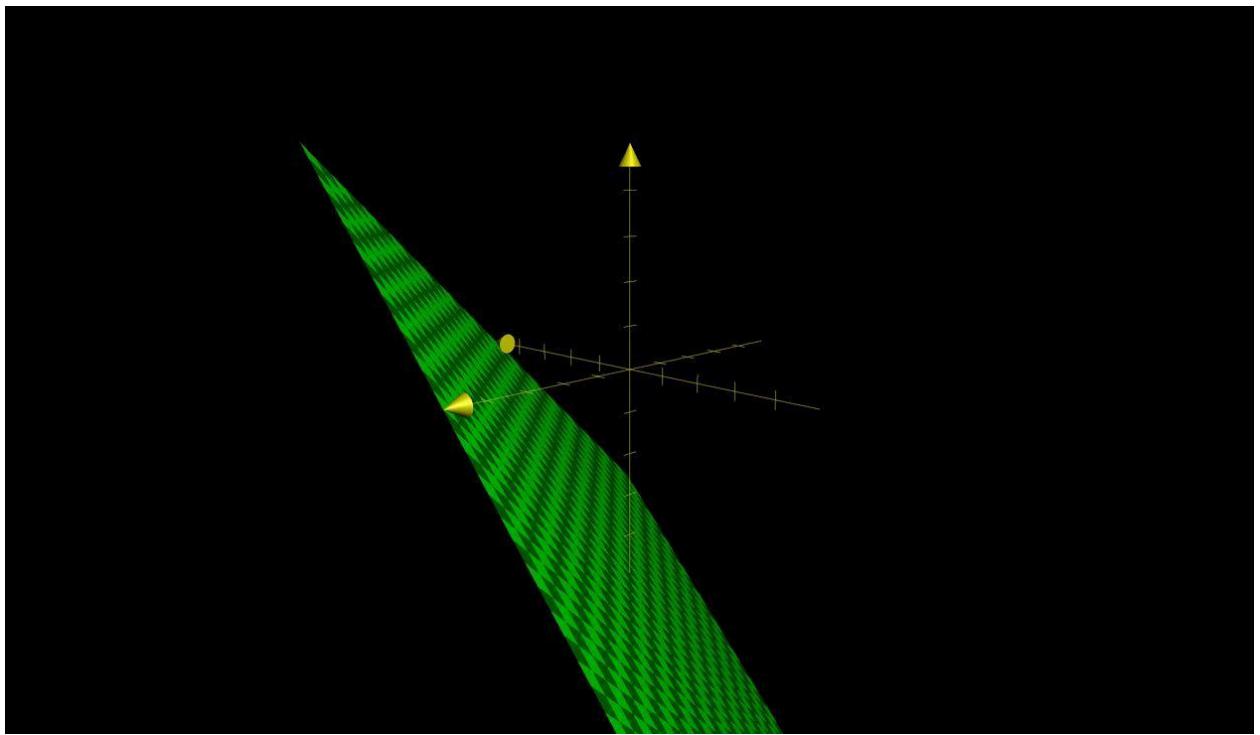
$$Q3. \quad 2x - y - 5 = 0$$



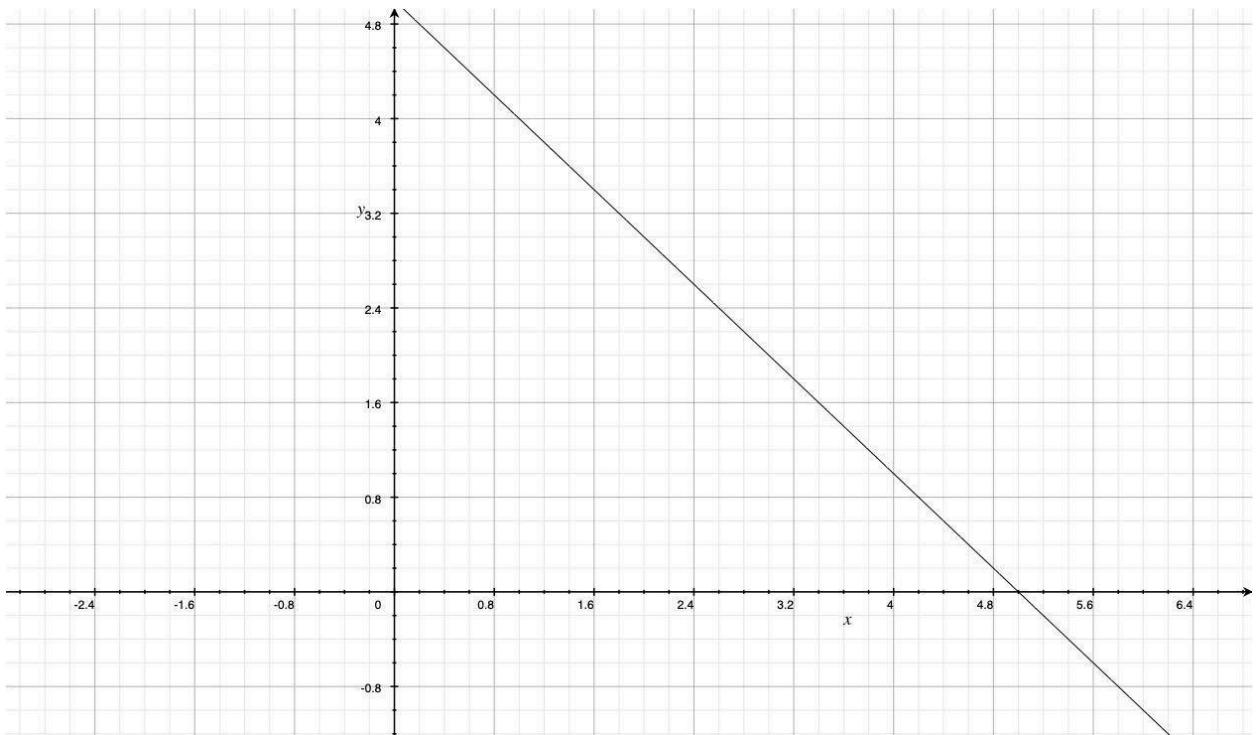


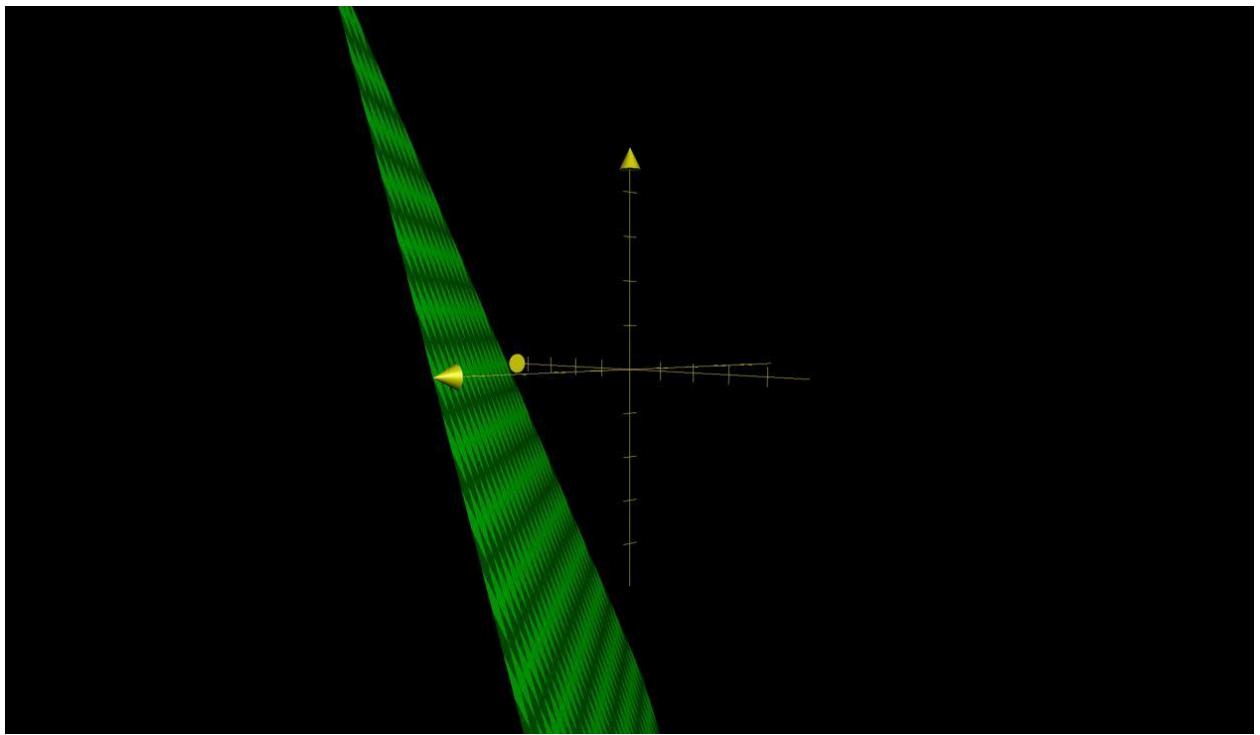
$$\text{Q4. } x+y=5$$



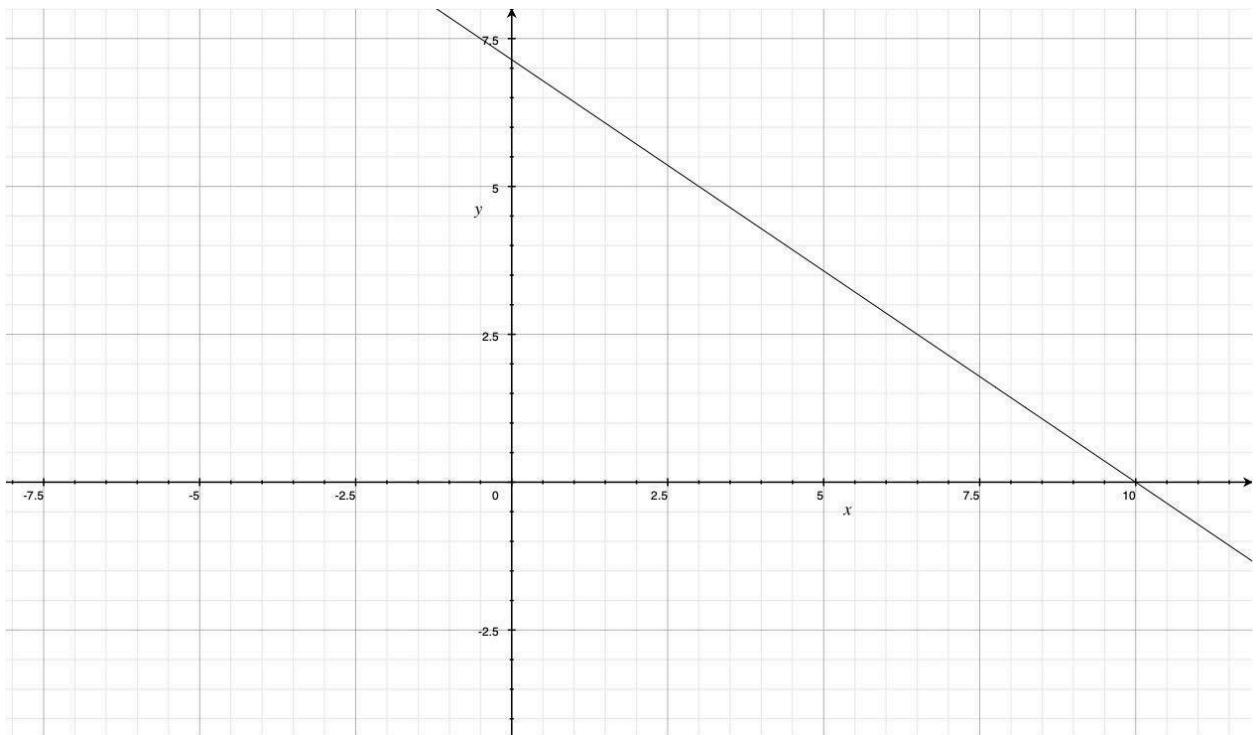


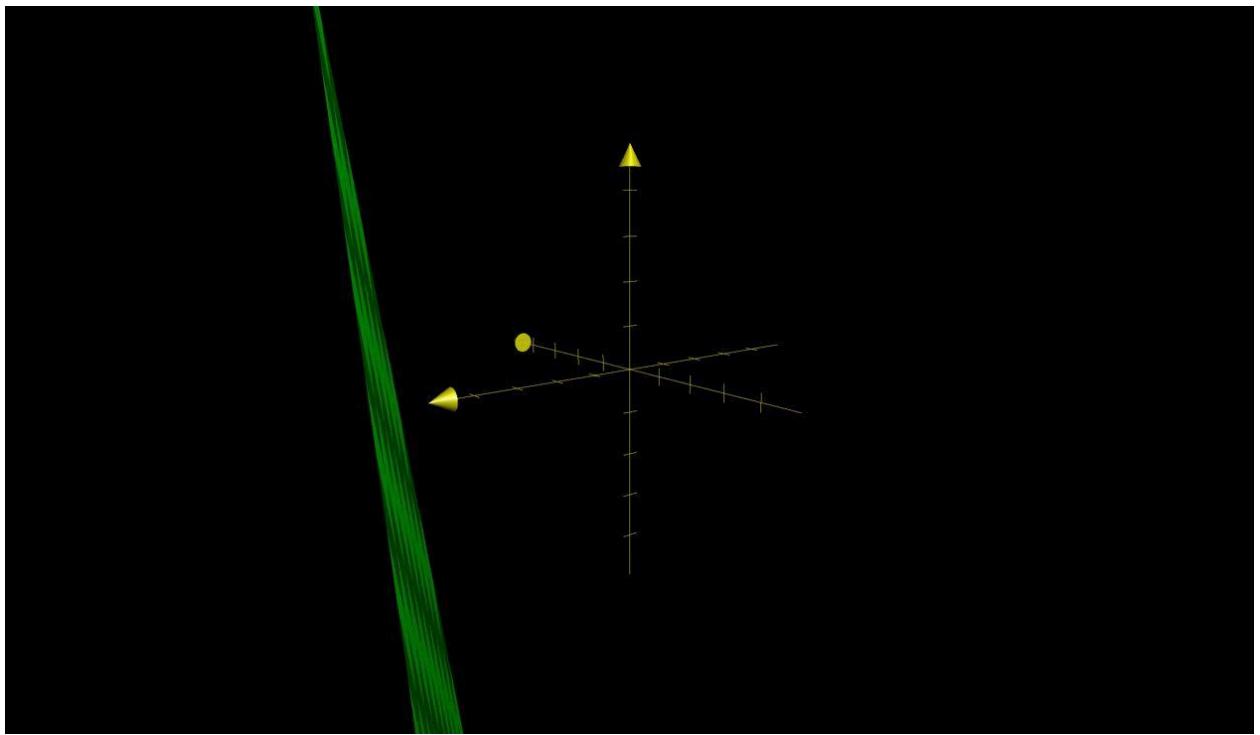
$$Q5. \quad 2x+2y=10$$



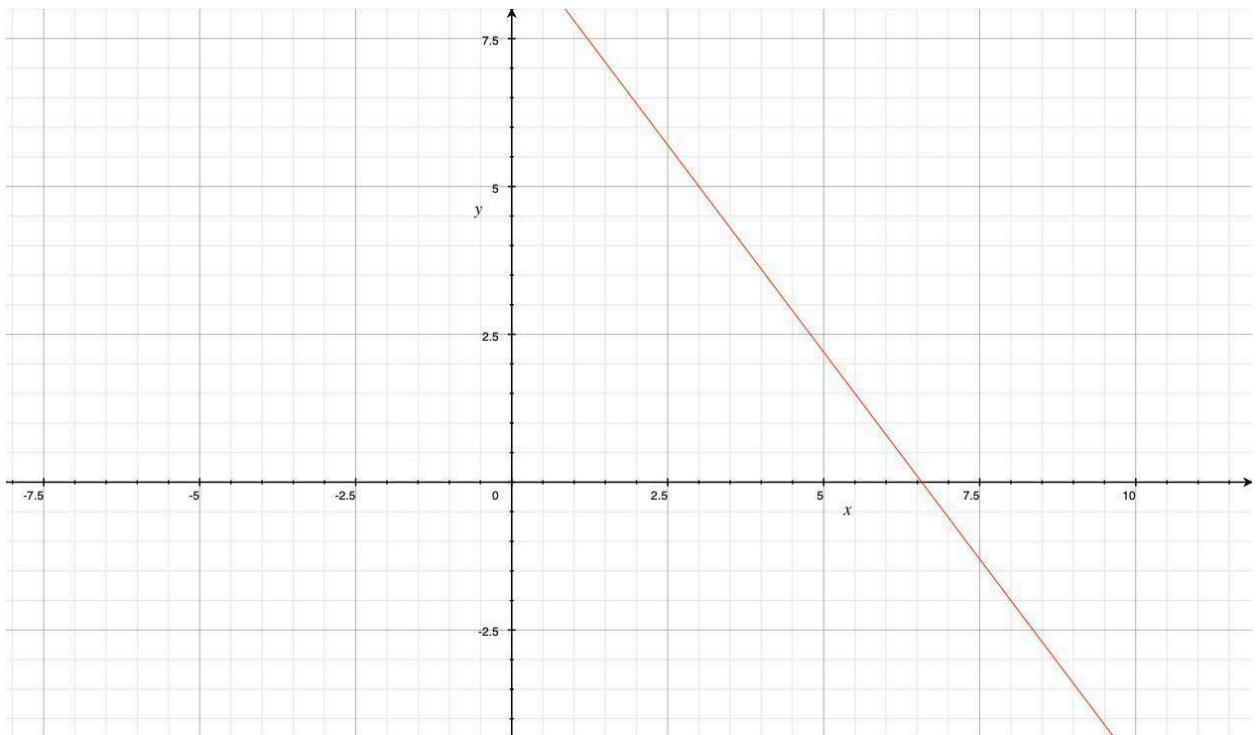


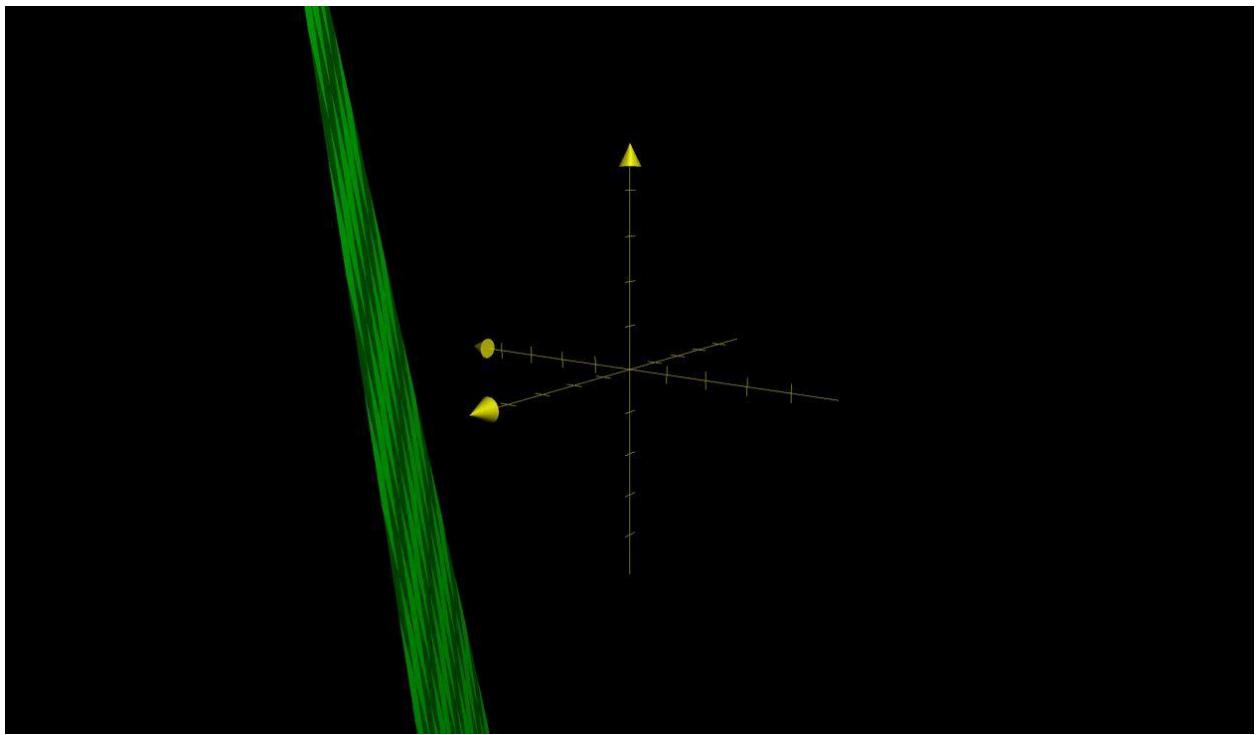
$$Q6. \quad 5x + 7y = 50$$



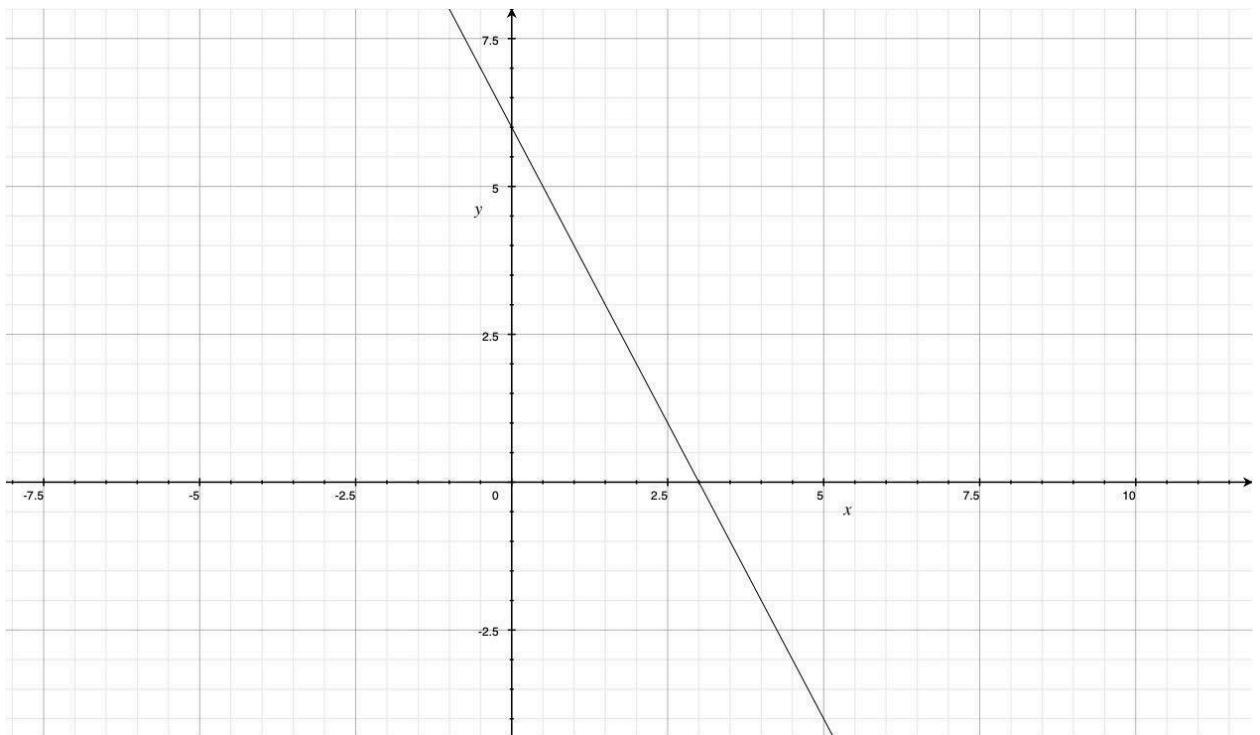


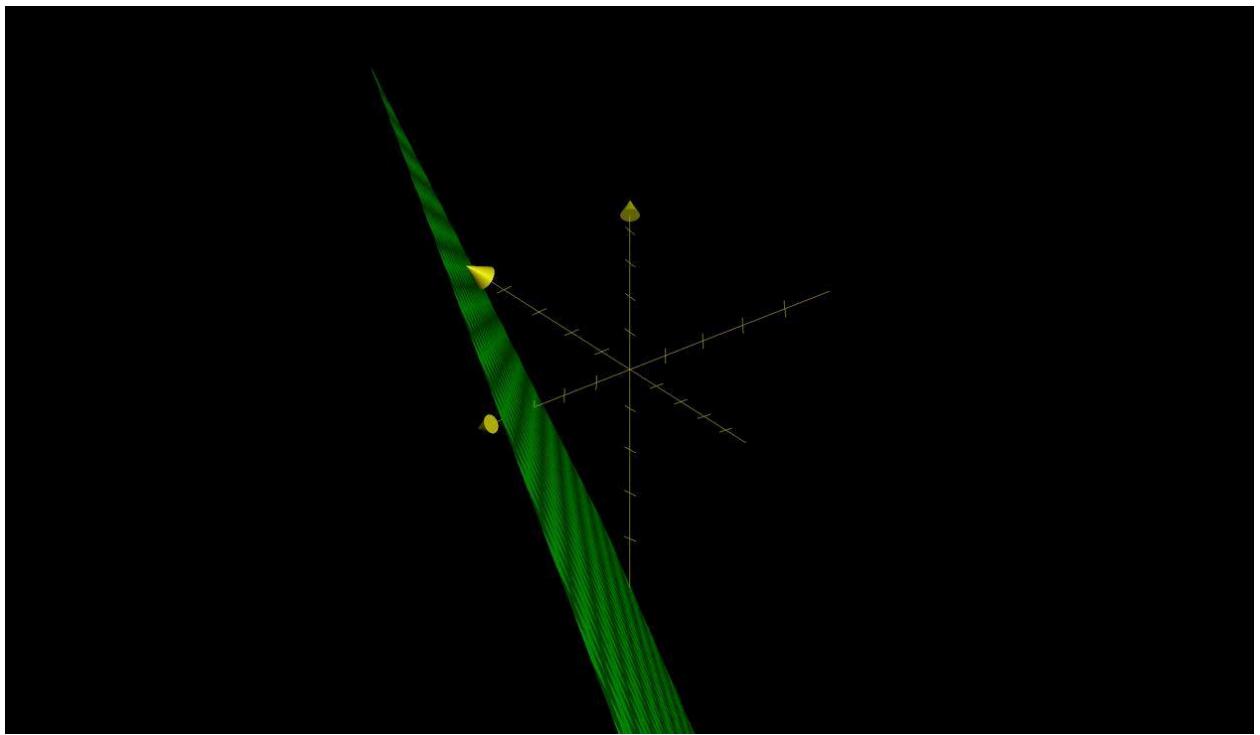
$$Q7. \quad 7x+5y=46$$



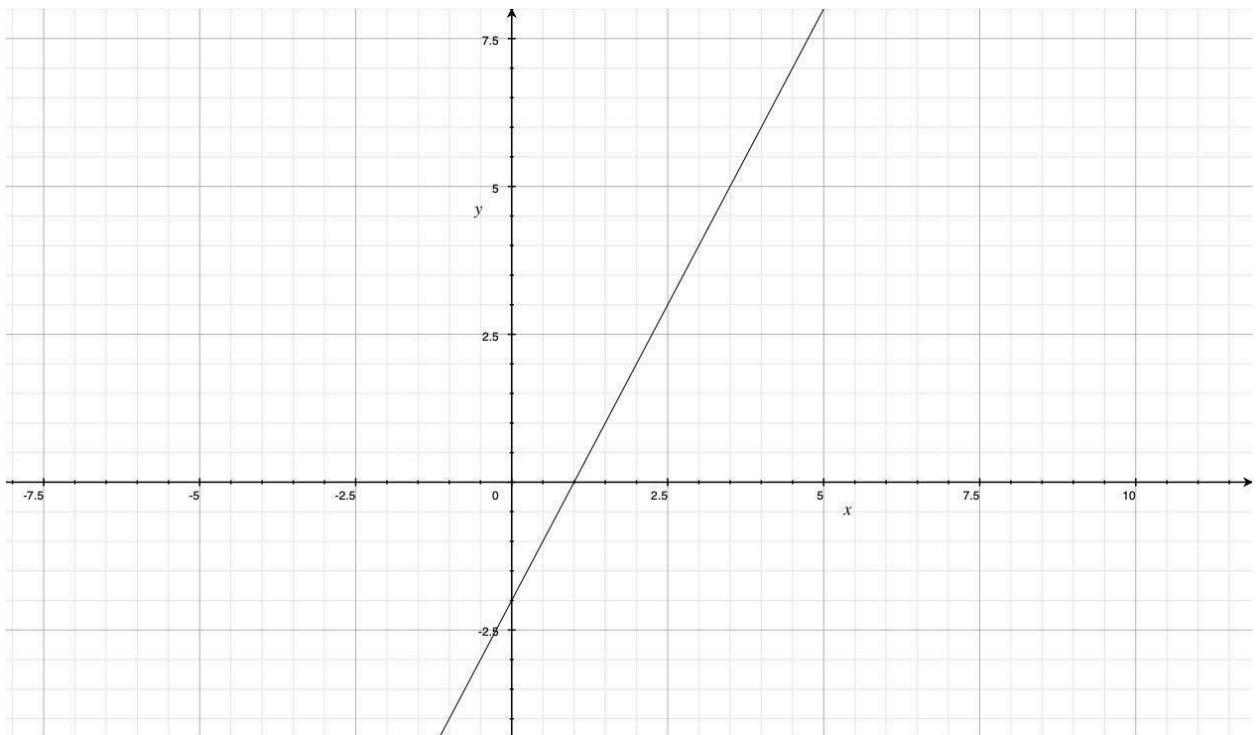


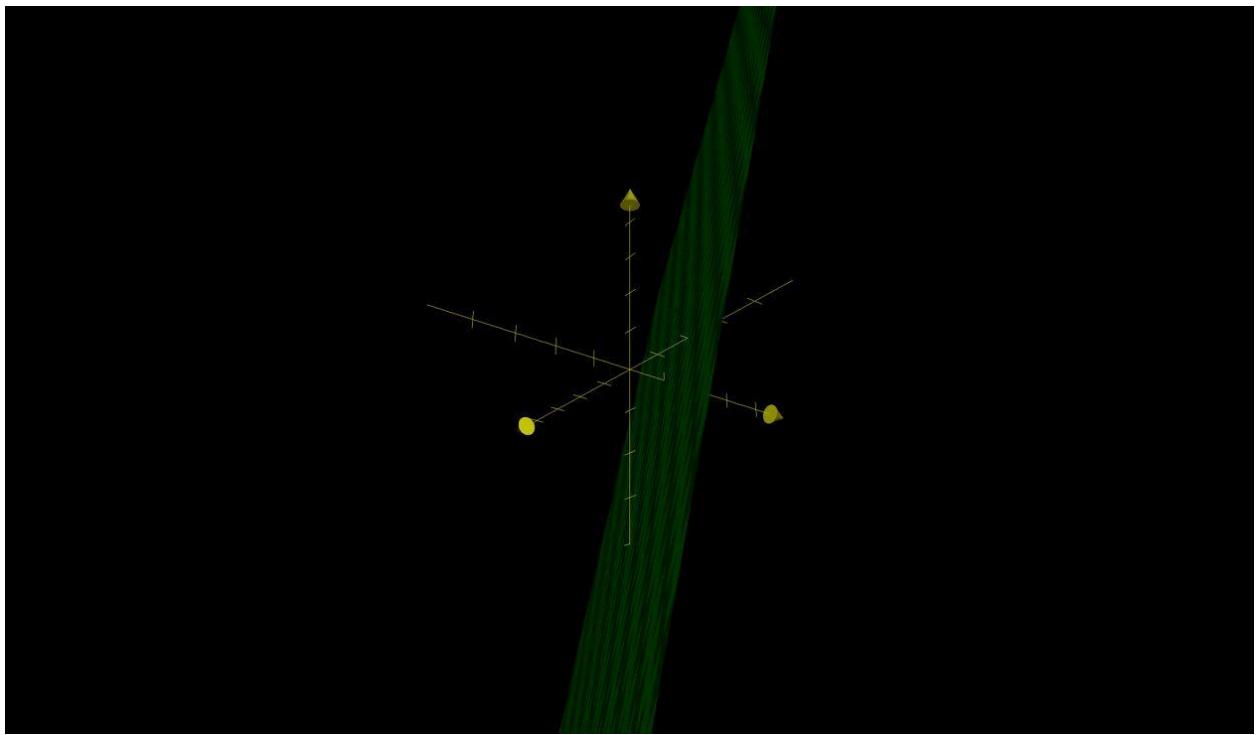
Q8.  $2x+y-6=0$



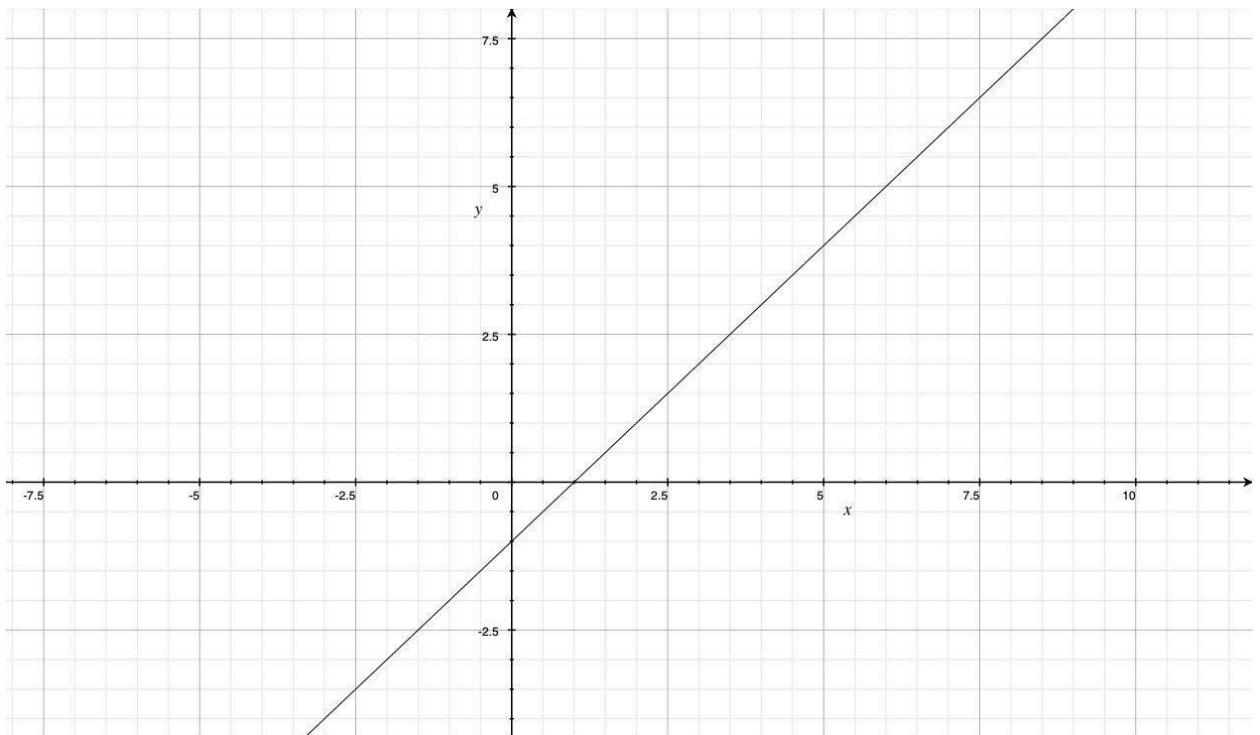


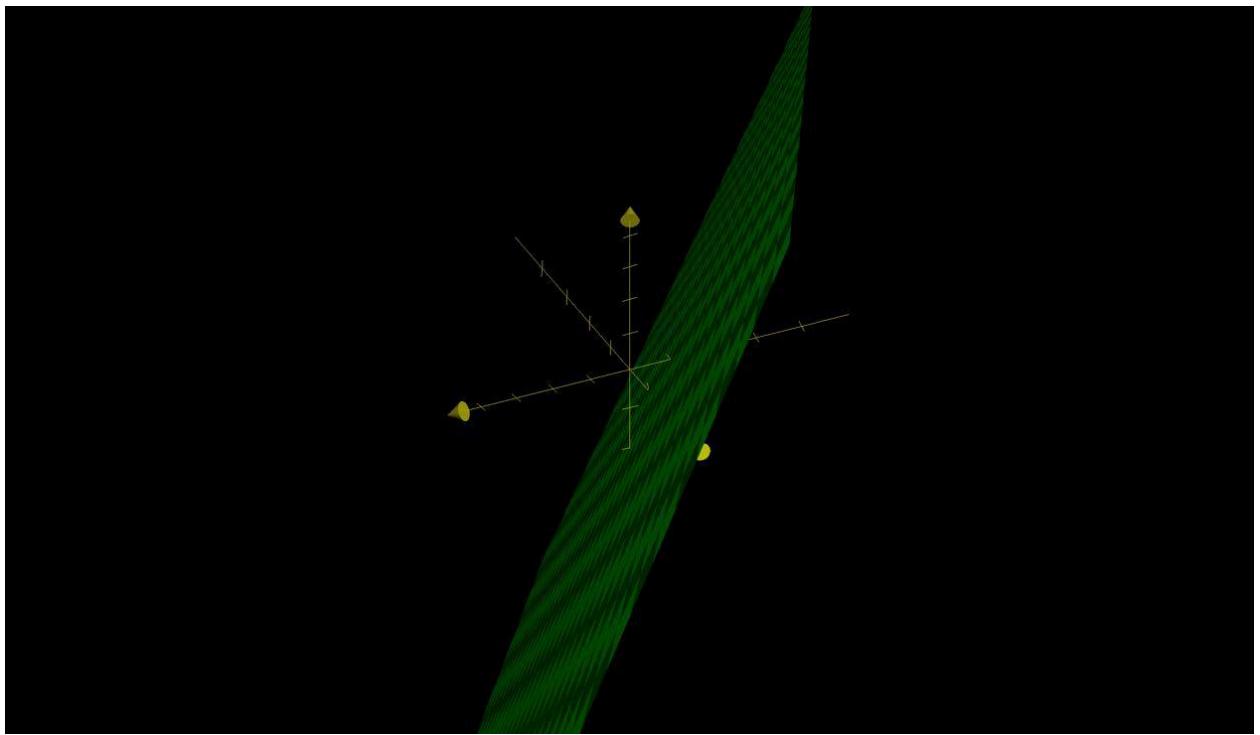
Q9.  $4x - 2y - 4 = 0$



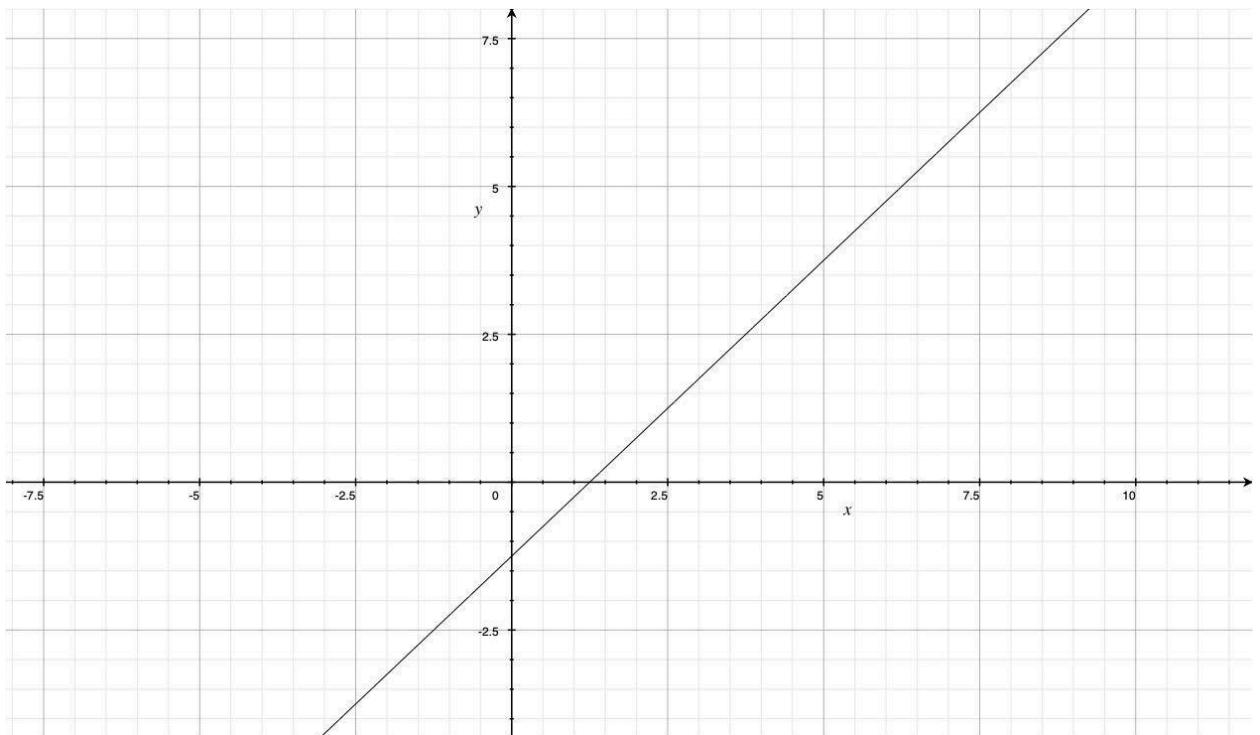


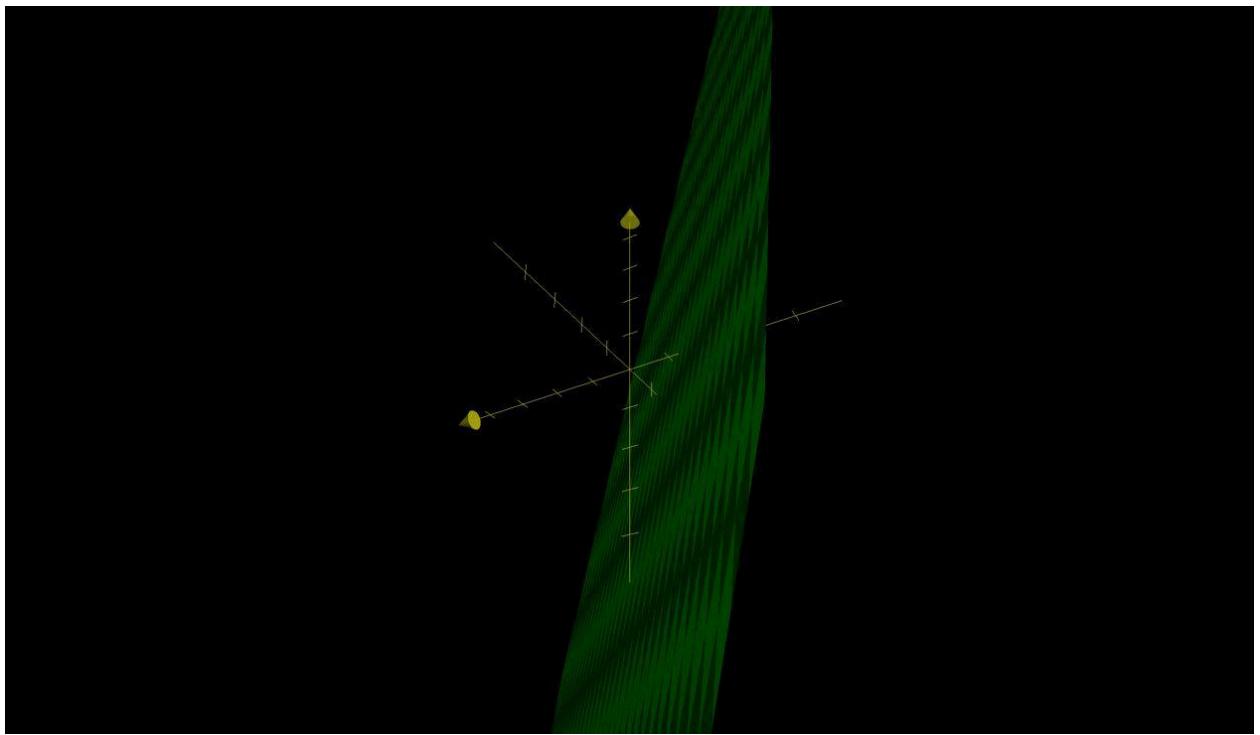
$$Q10. \quad 2x - 2y - 2 = 0$$



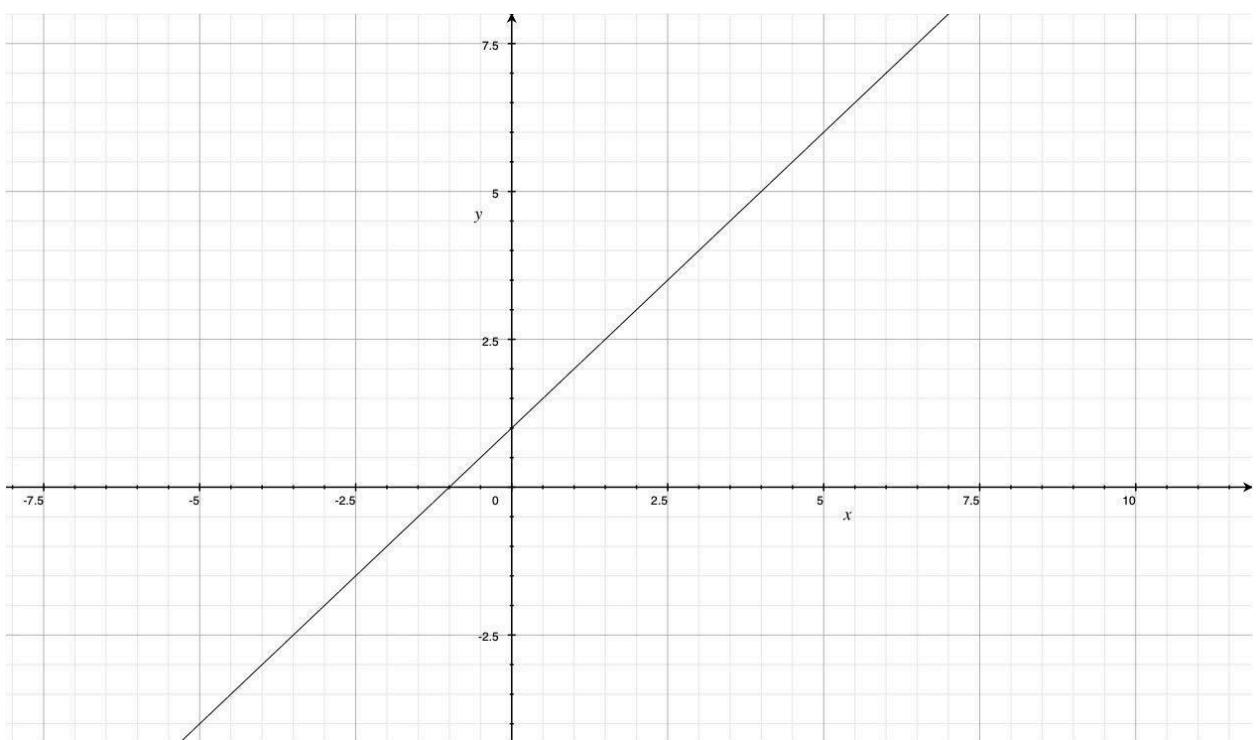


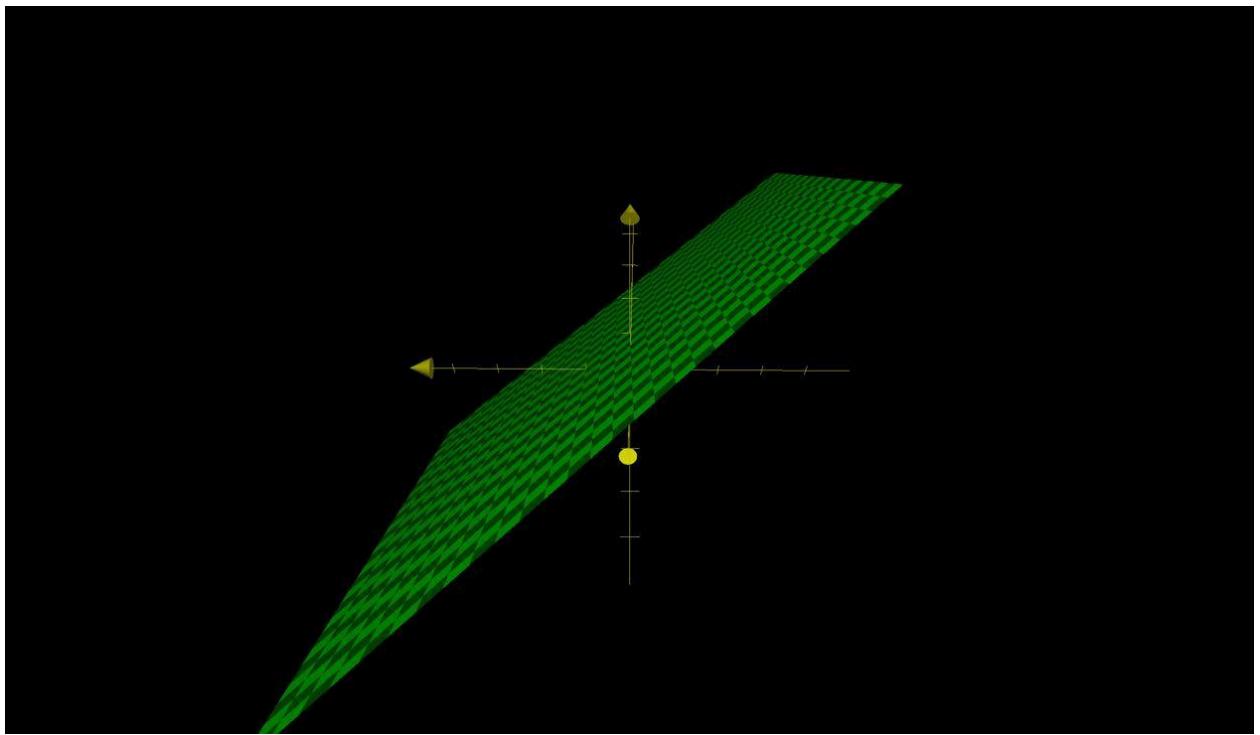
$$Q11. \ 4x - 4y - 5 = 0$$



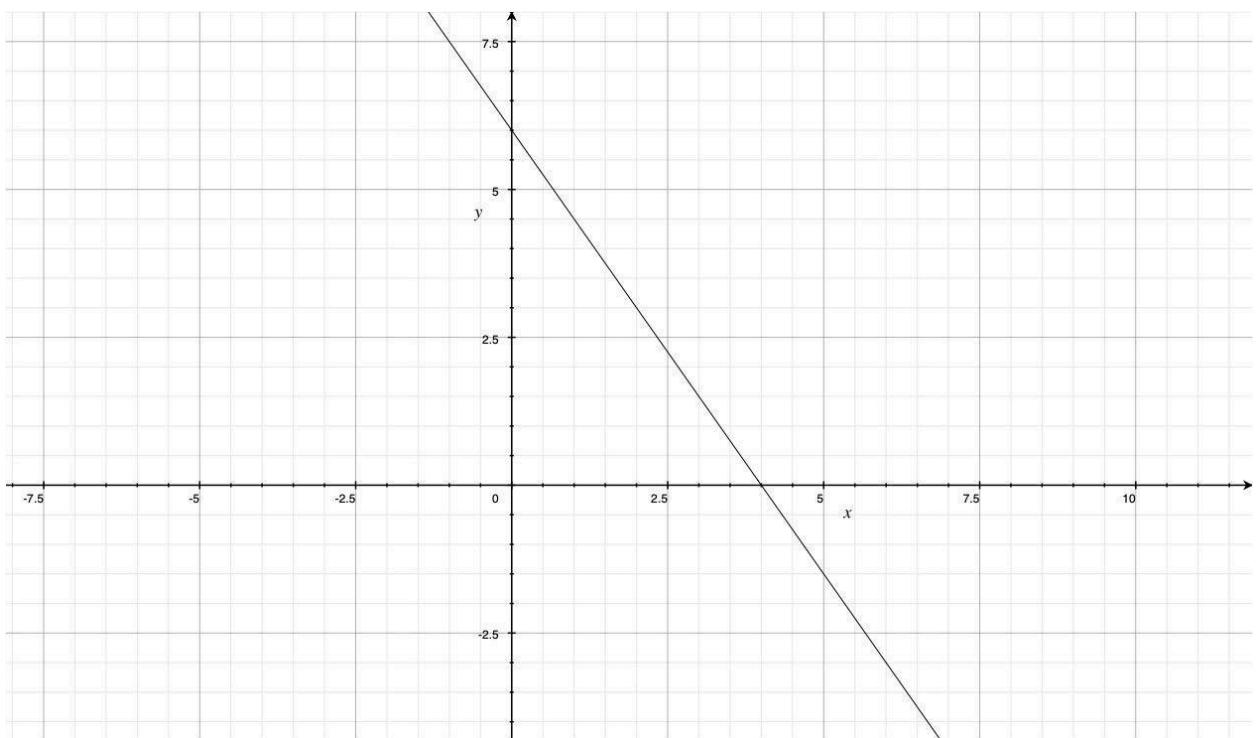


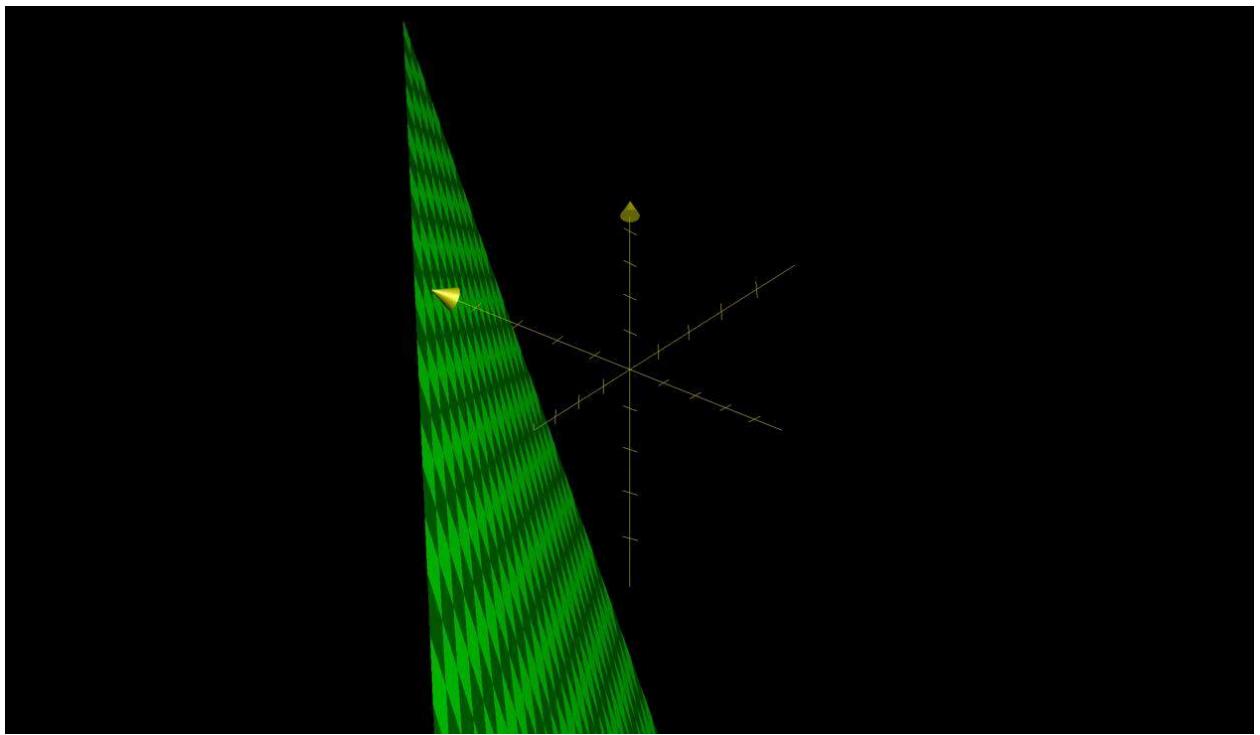
Q12.  $x-y+1=0$



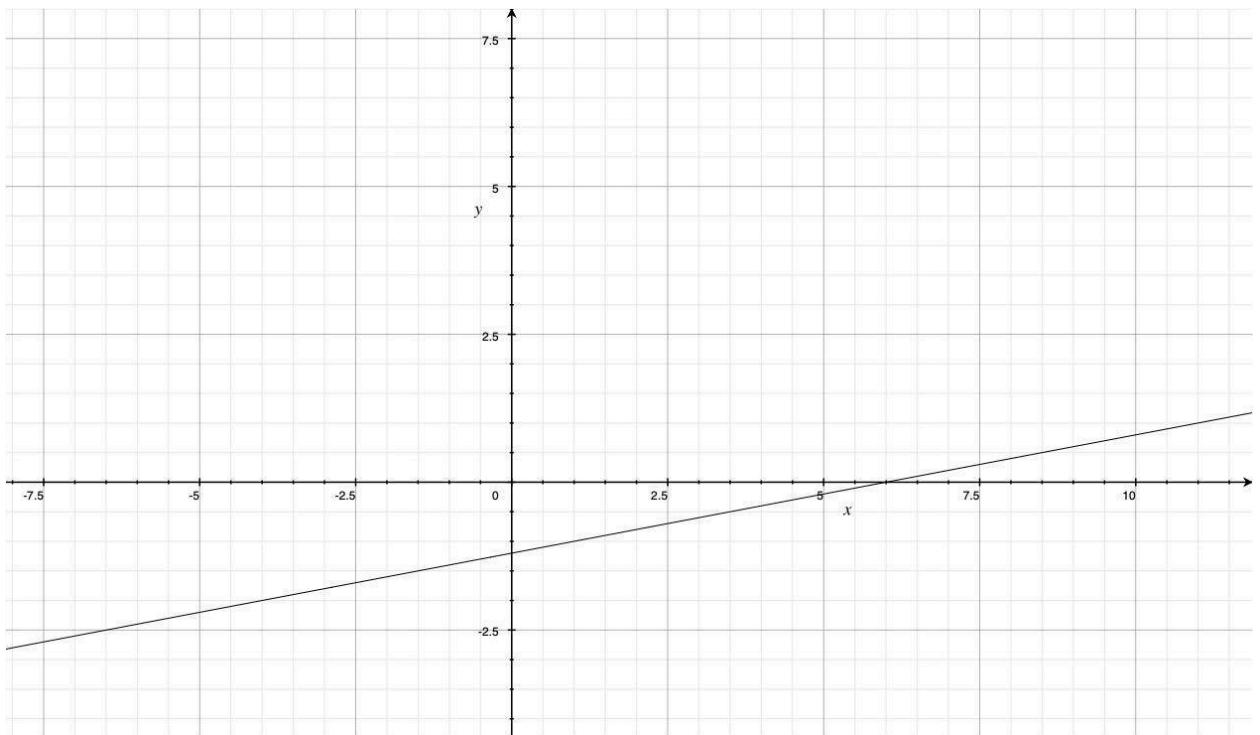


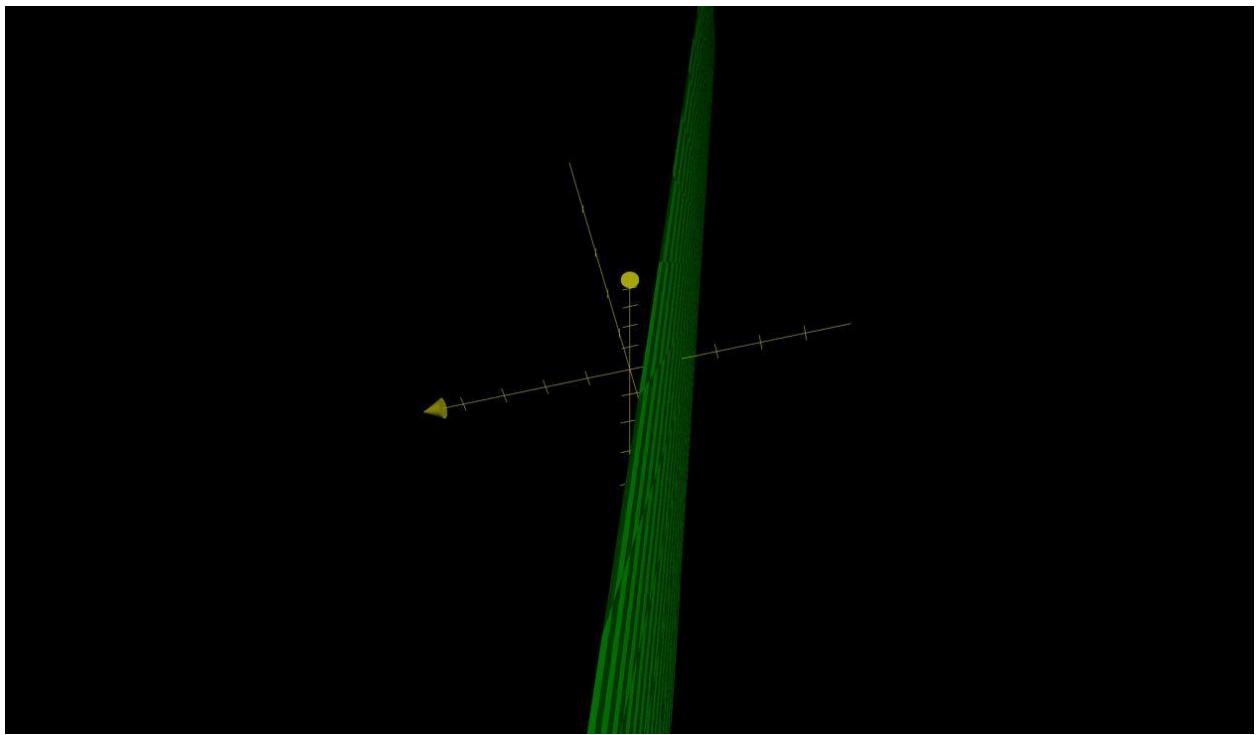
Q13.  $3x+2y-12=0$



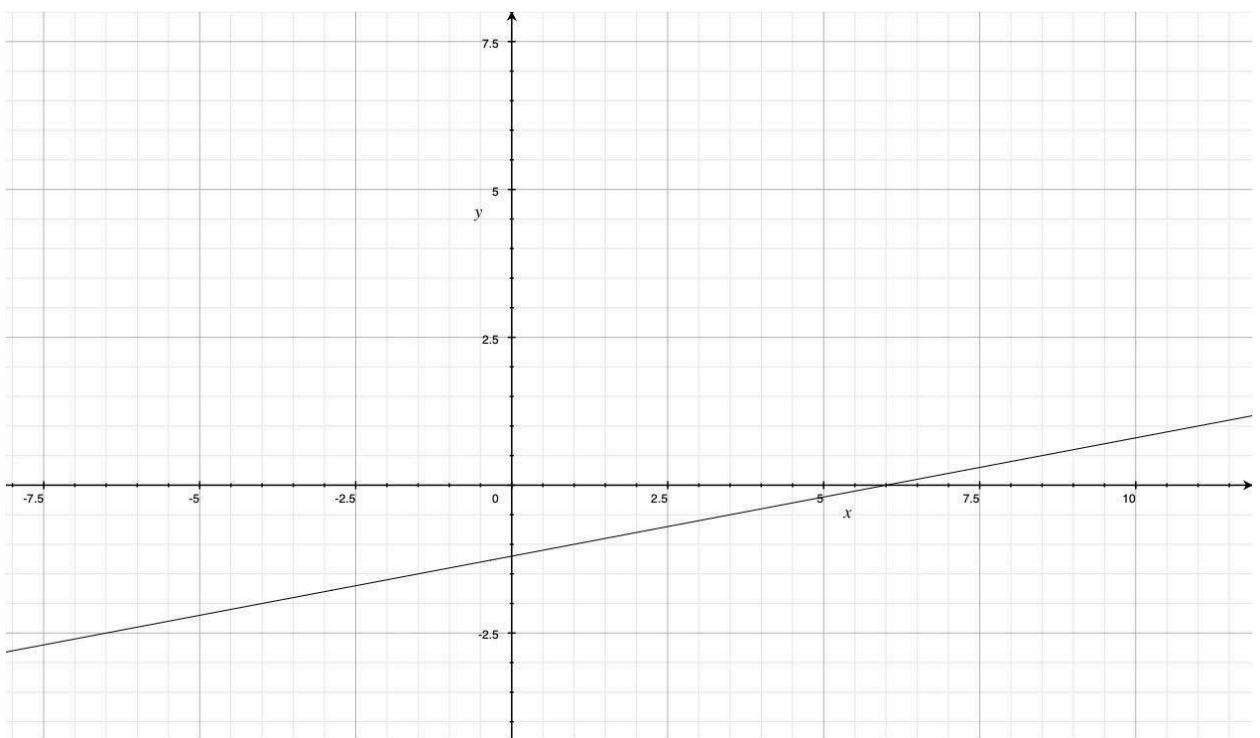


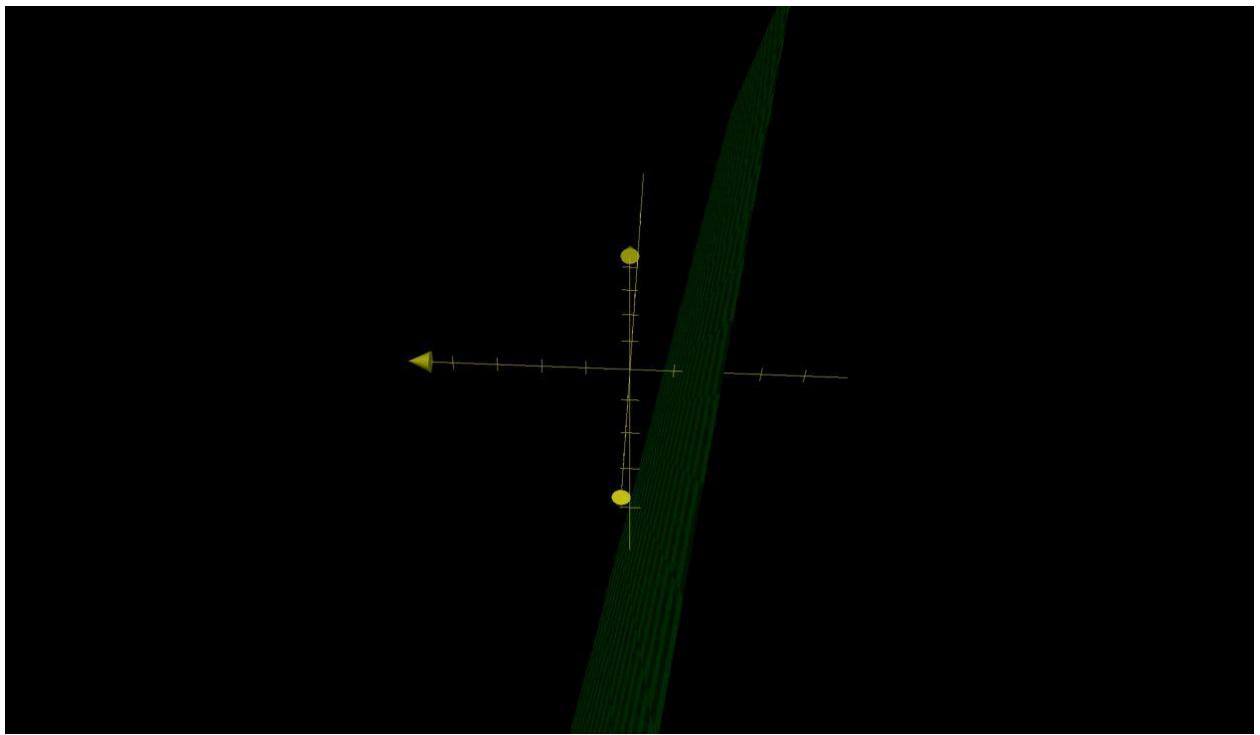
$$Q14. \quad 2x - 10y = 12$$



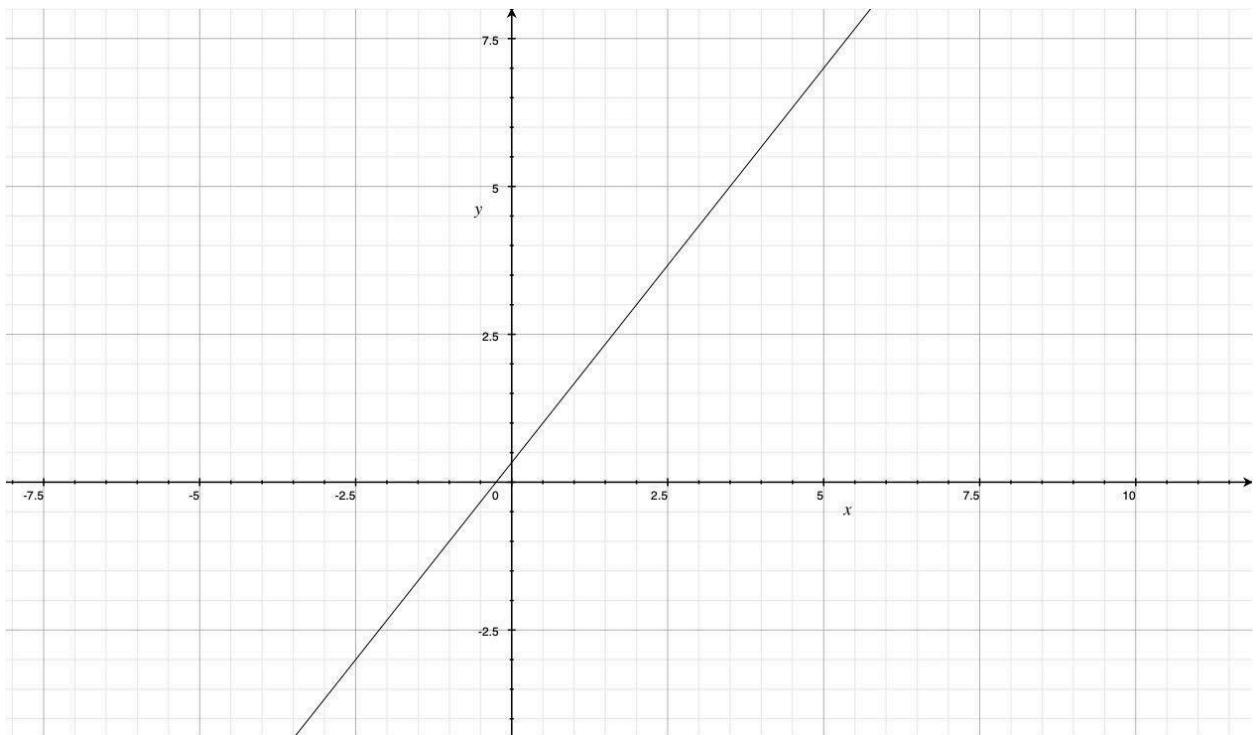


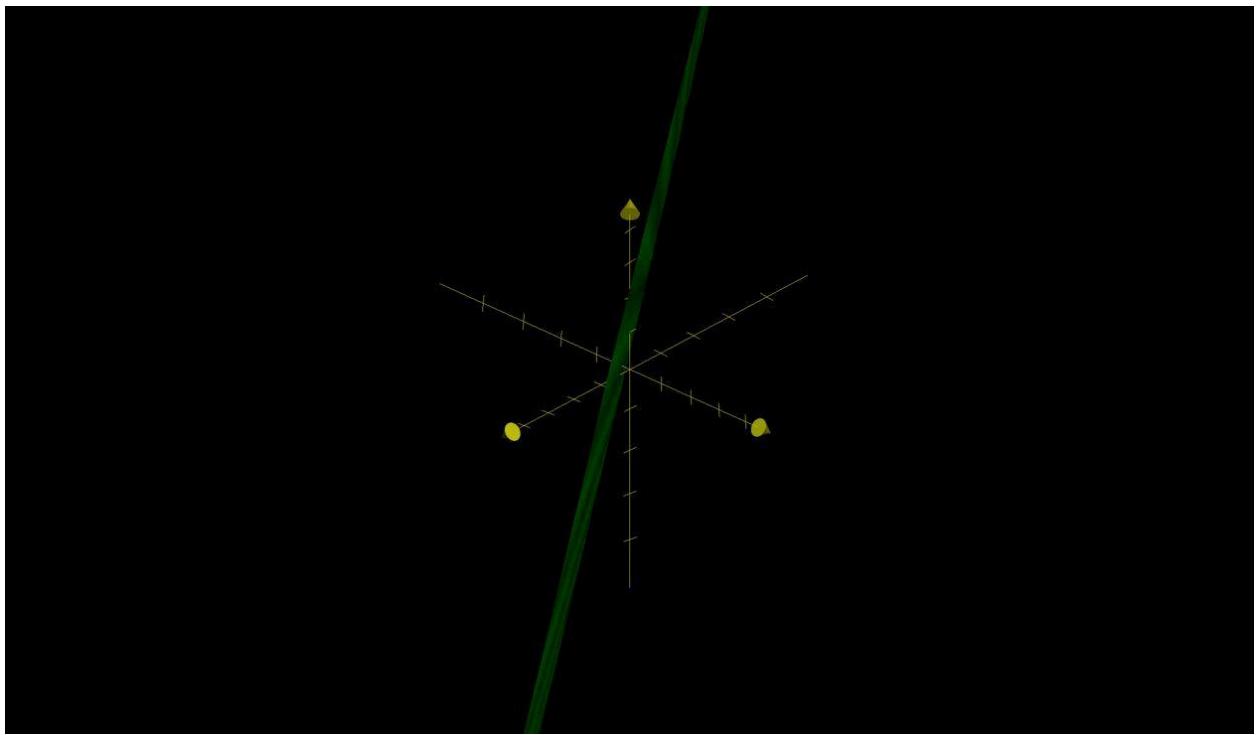
Q15.  $x - 5y = 6$



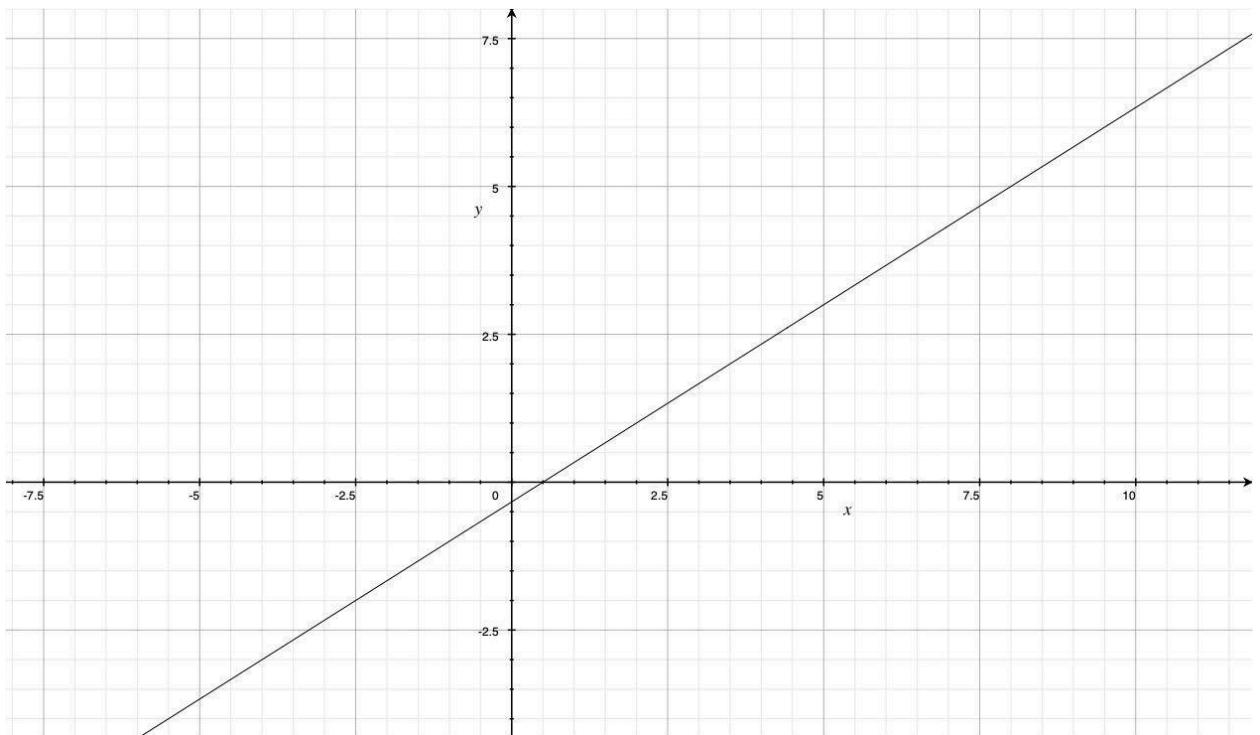


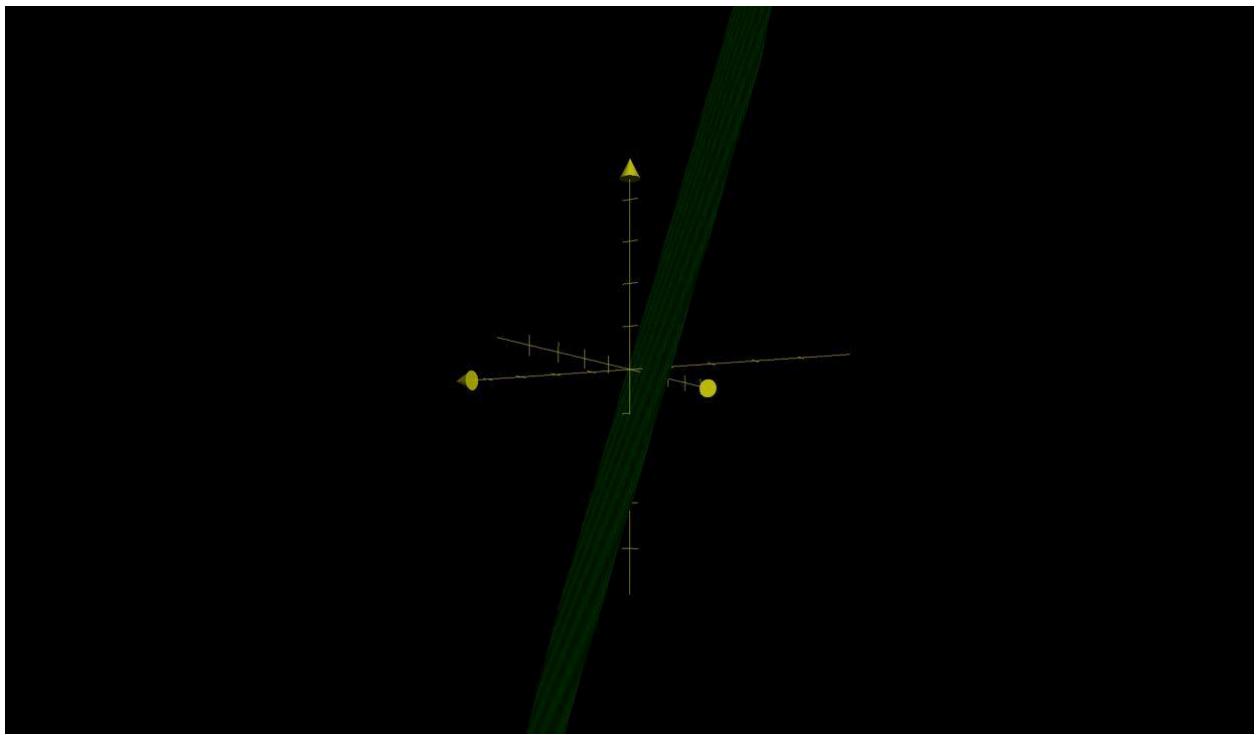
$$Q16. \quad 4x - 3y + 1 = 0$$



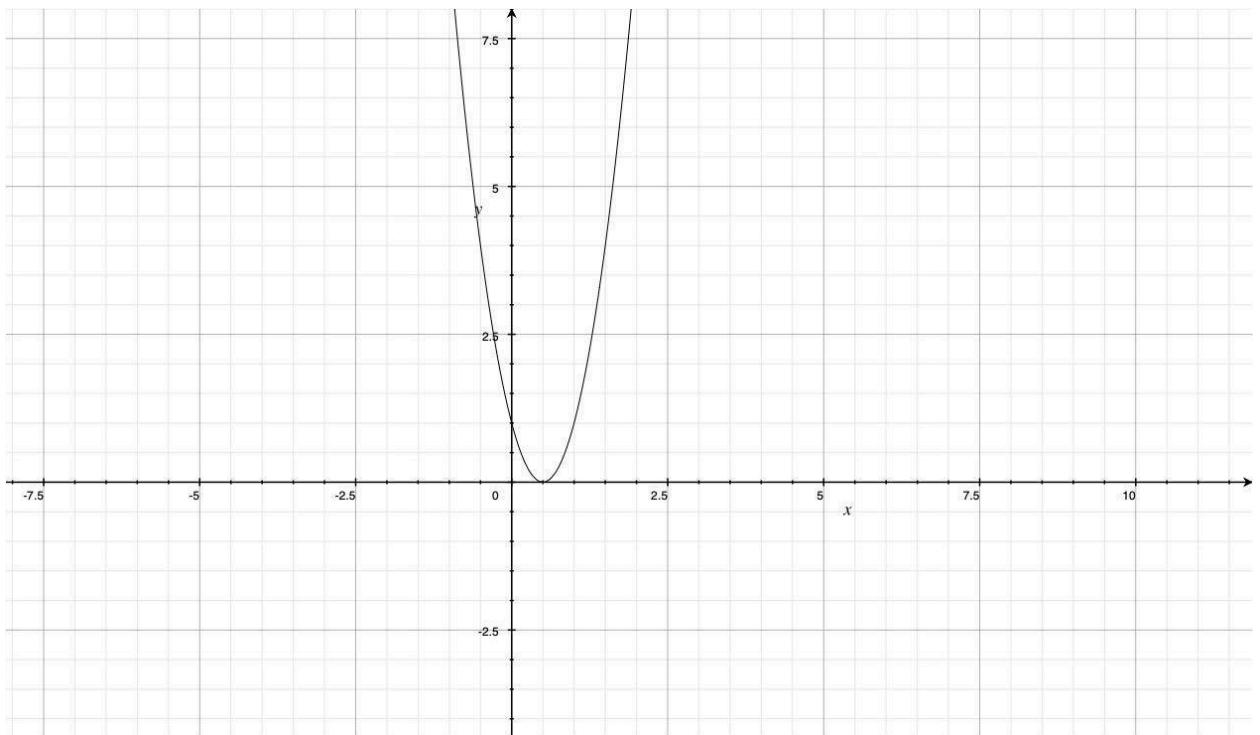


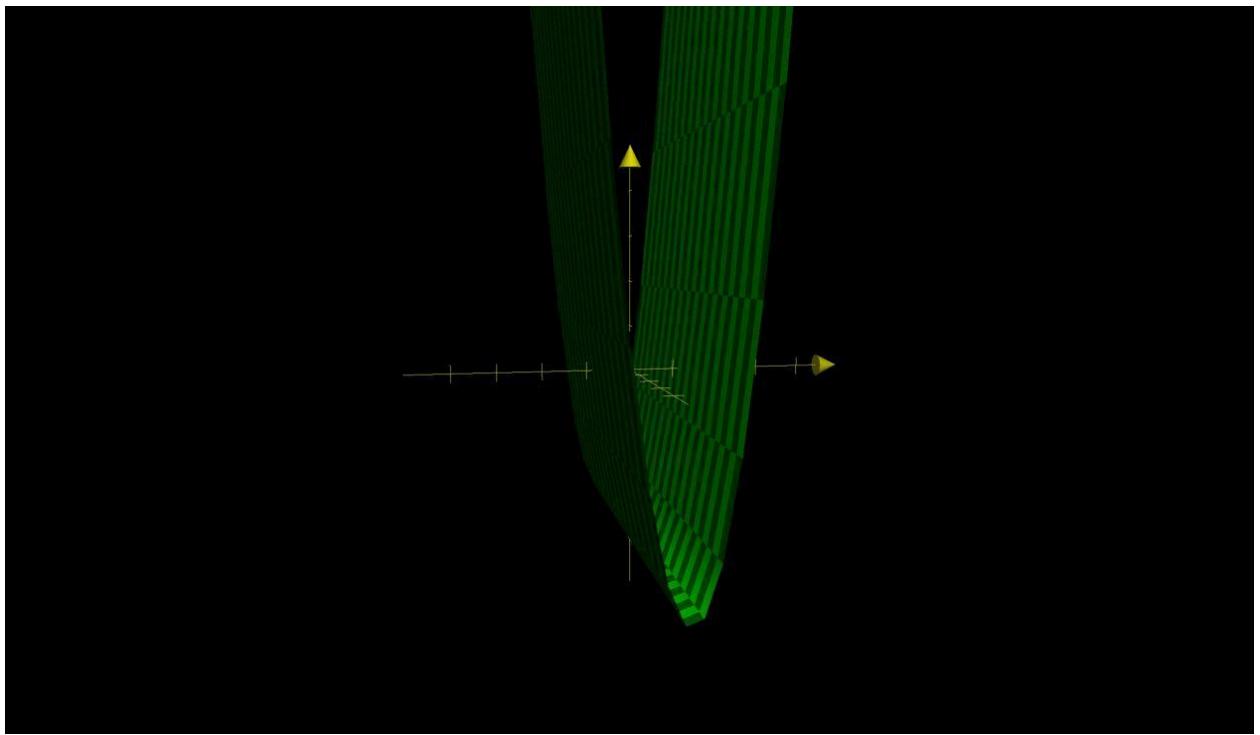
Q17.  $2x - 3y = 1$



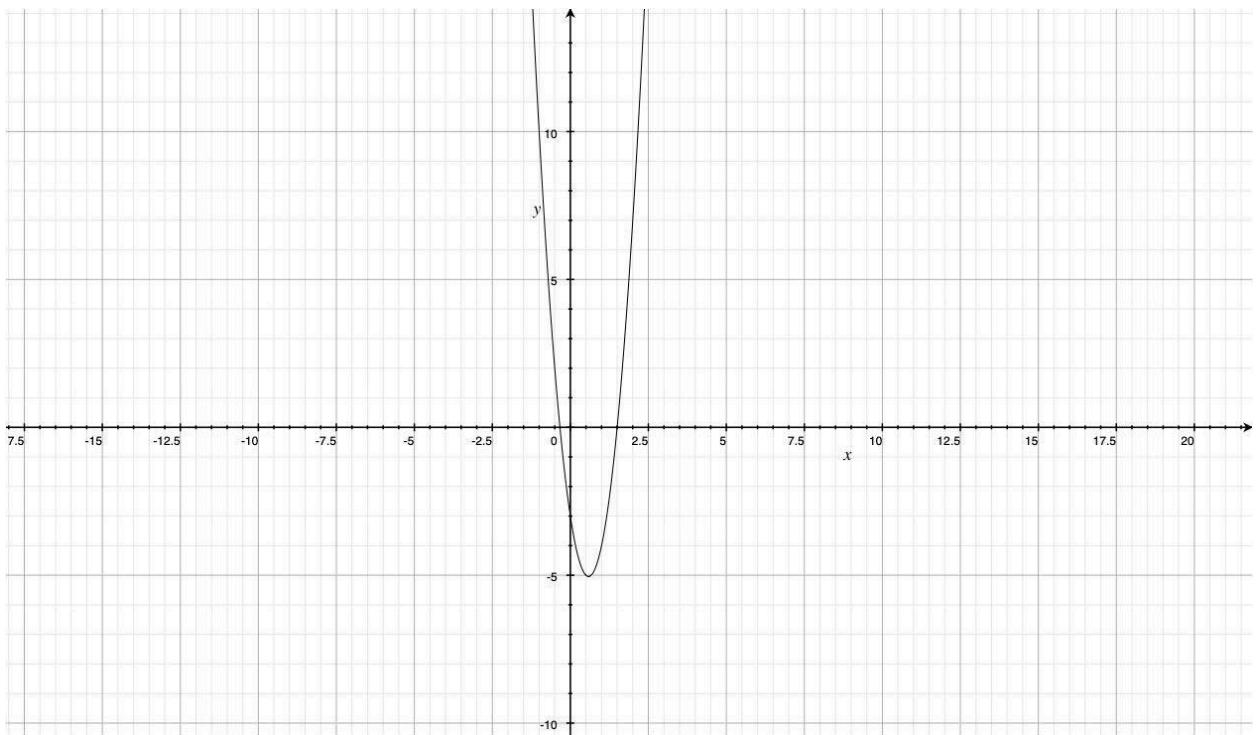


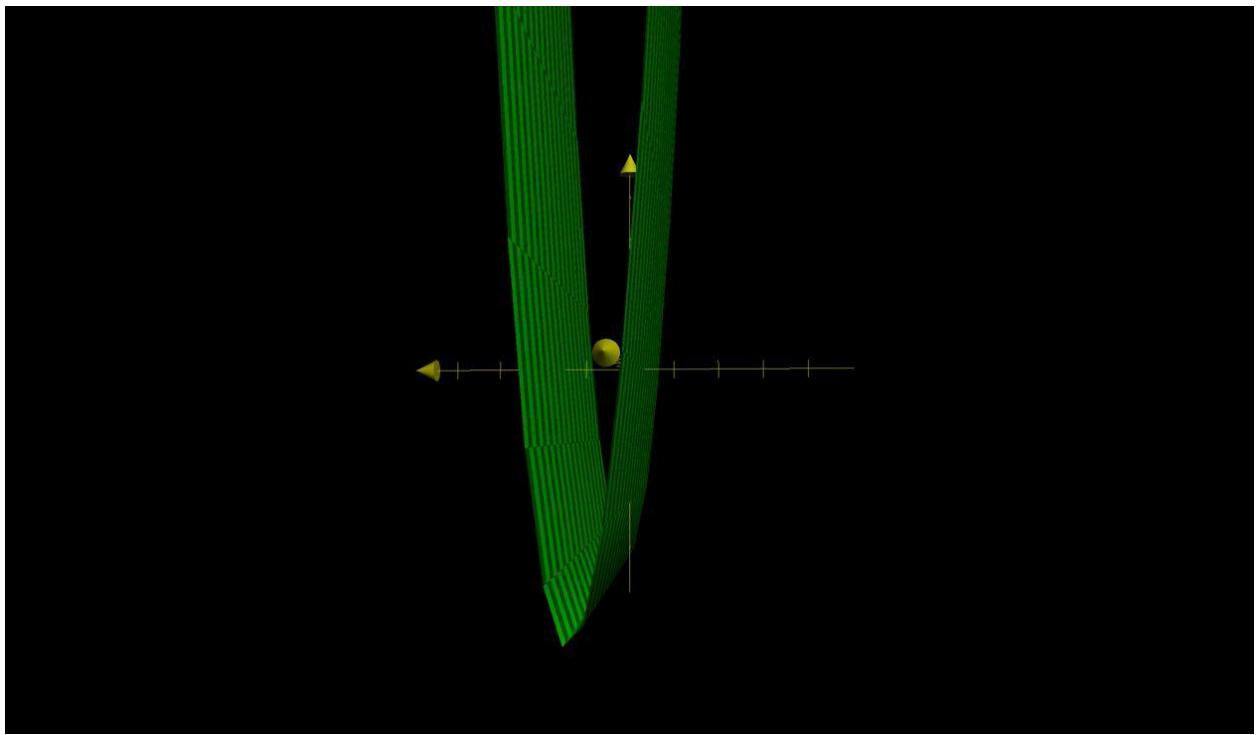
$$Q18. \ y=4x^2-x-4$$



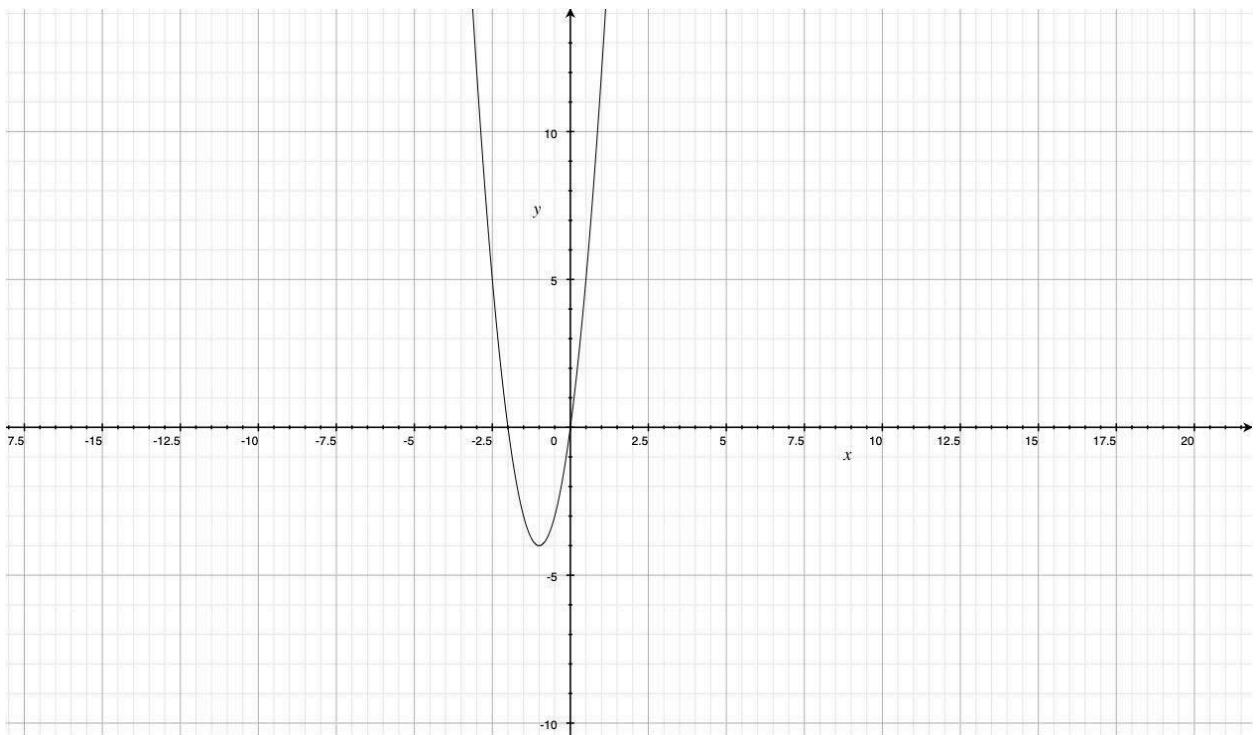


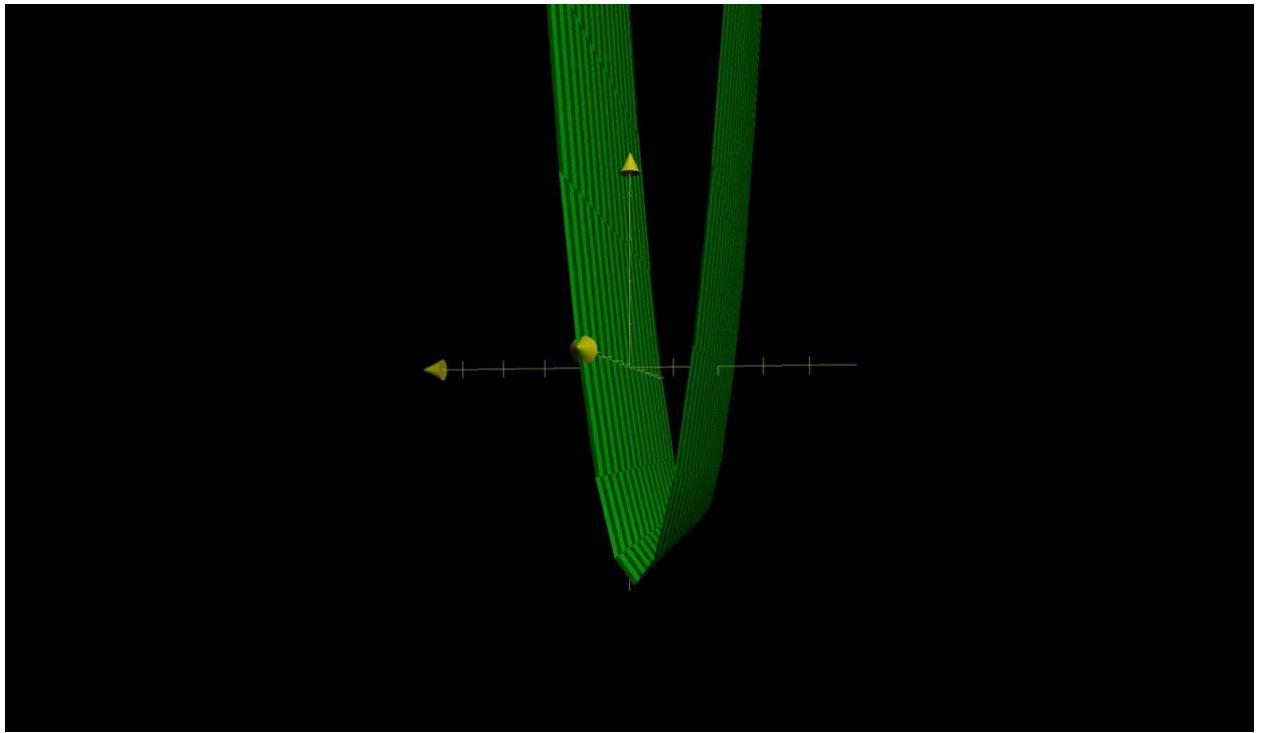
$$Q19. \ y=6x^2-3-7x$$



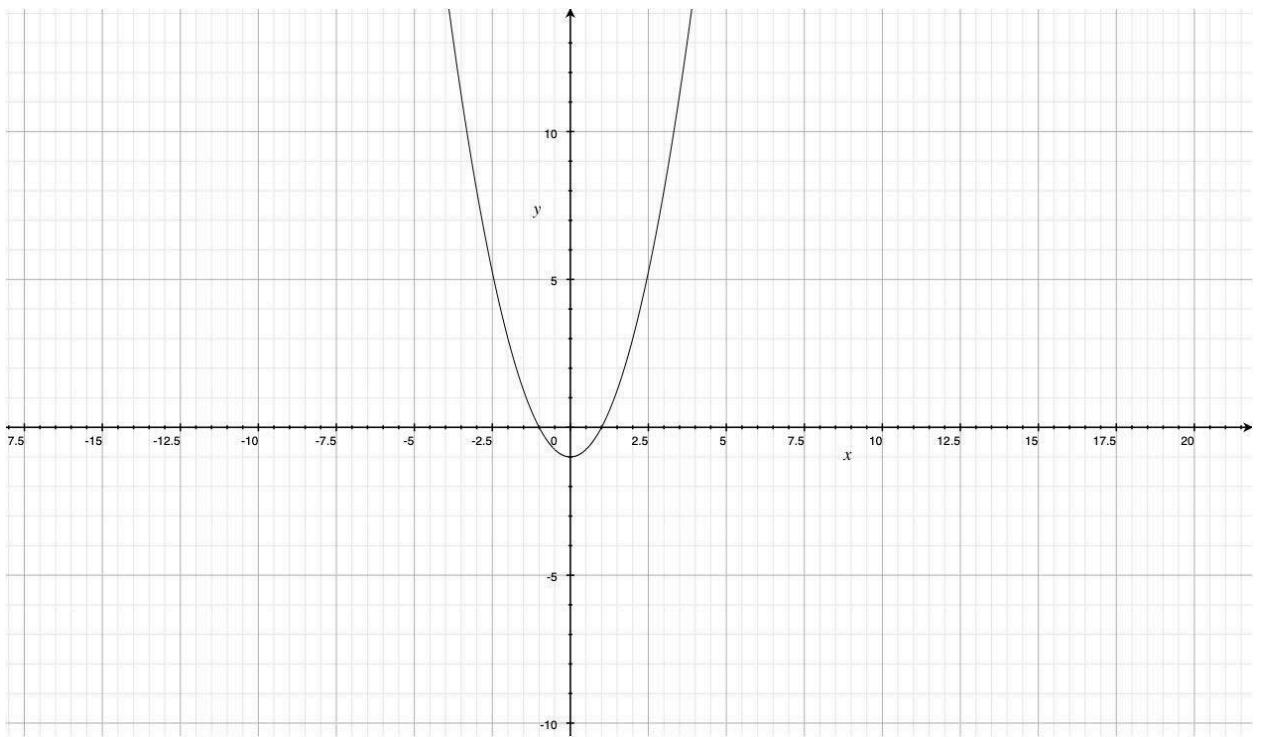


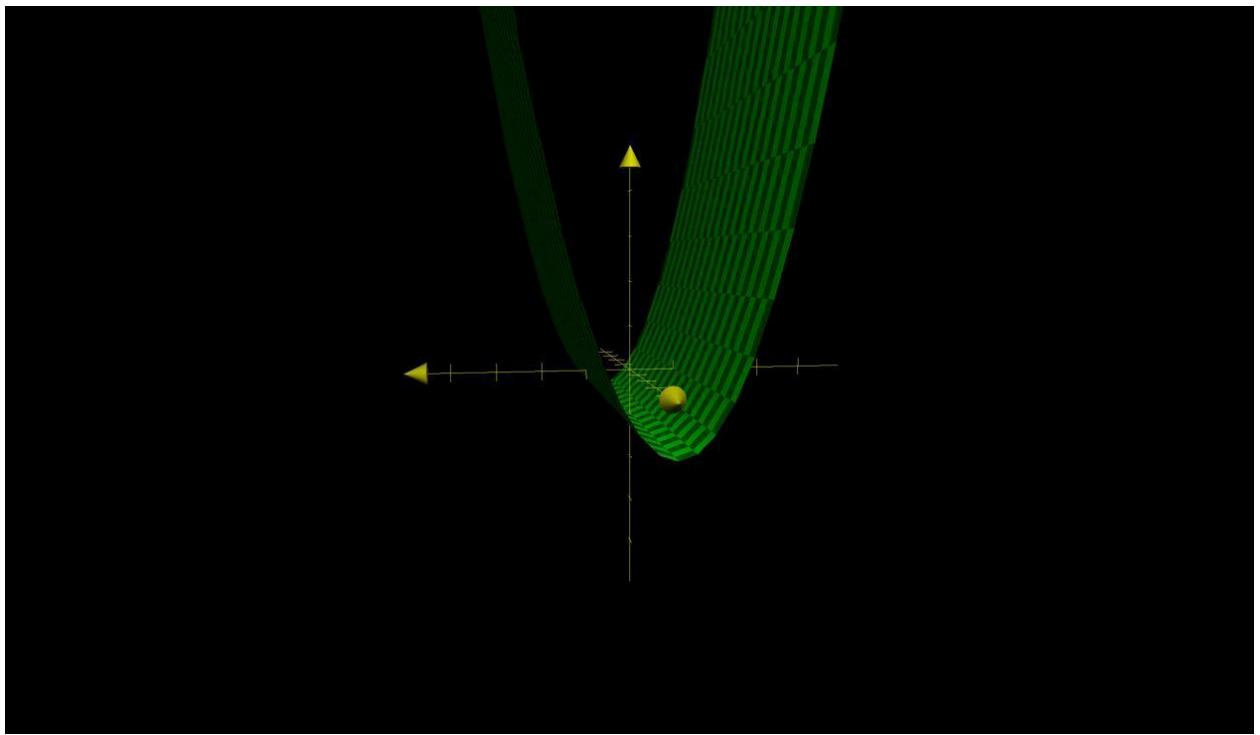
Q20.  $y=4x^2+8x$



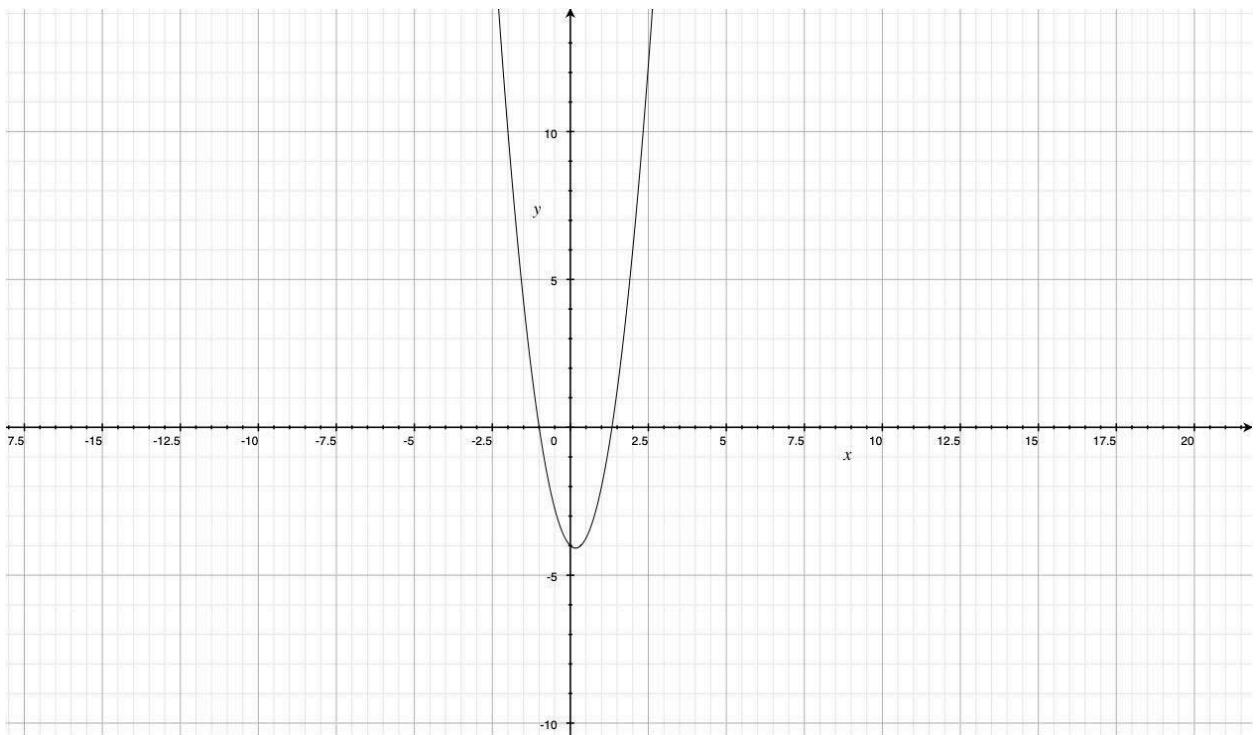


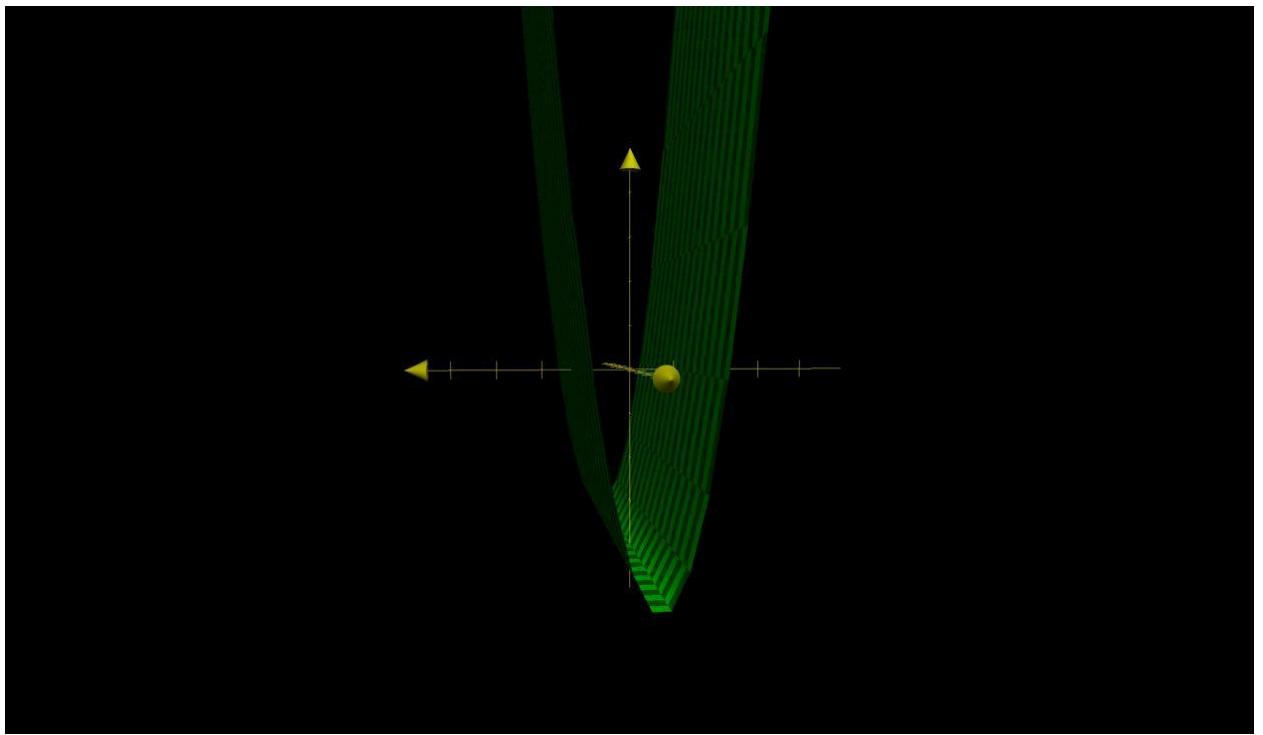
$$Q21. \ y=x^2-1$$



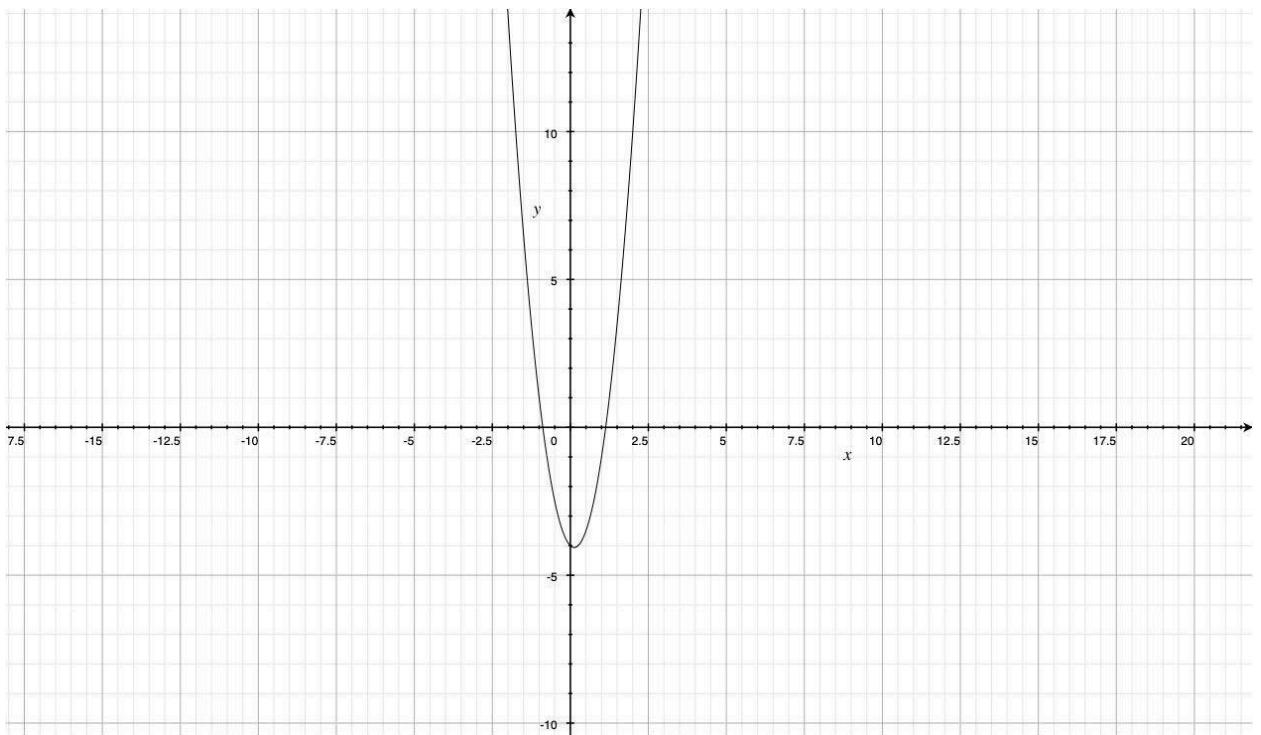


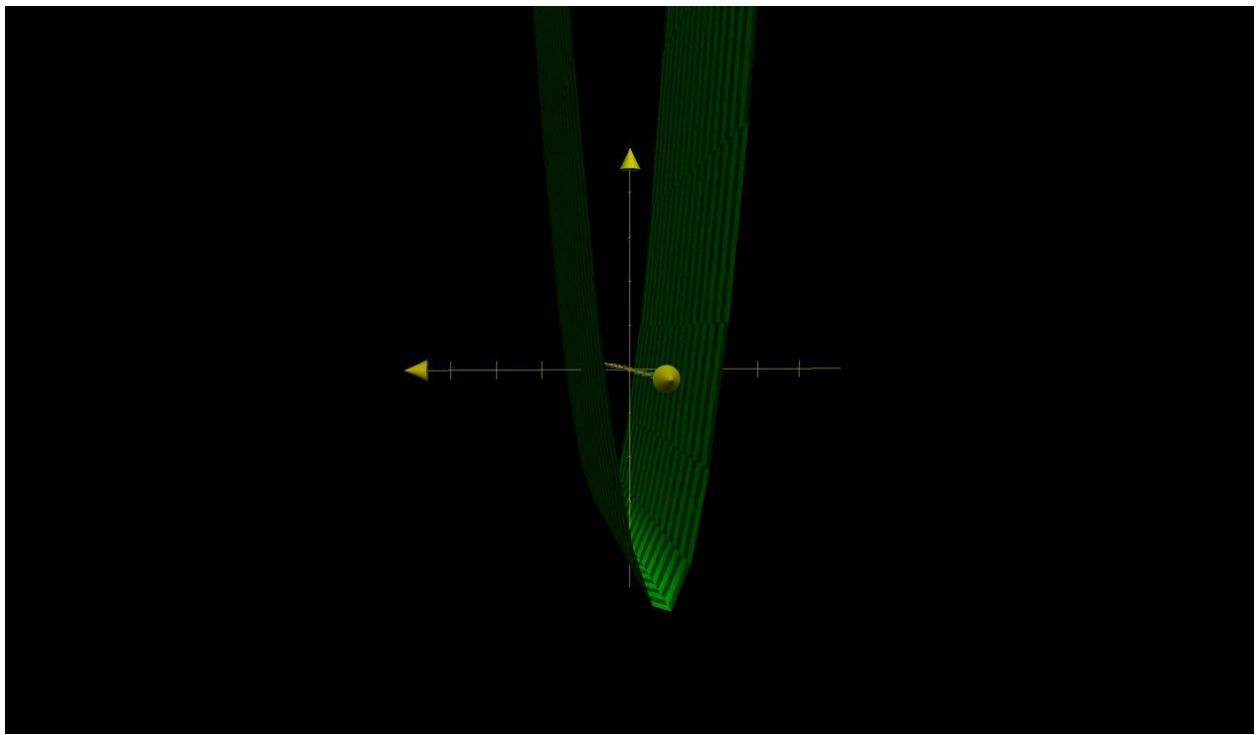
$$Q22. \ y=3x^2-x-4$$



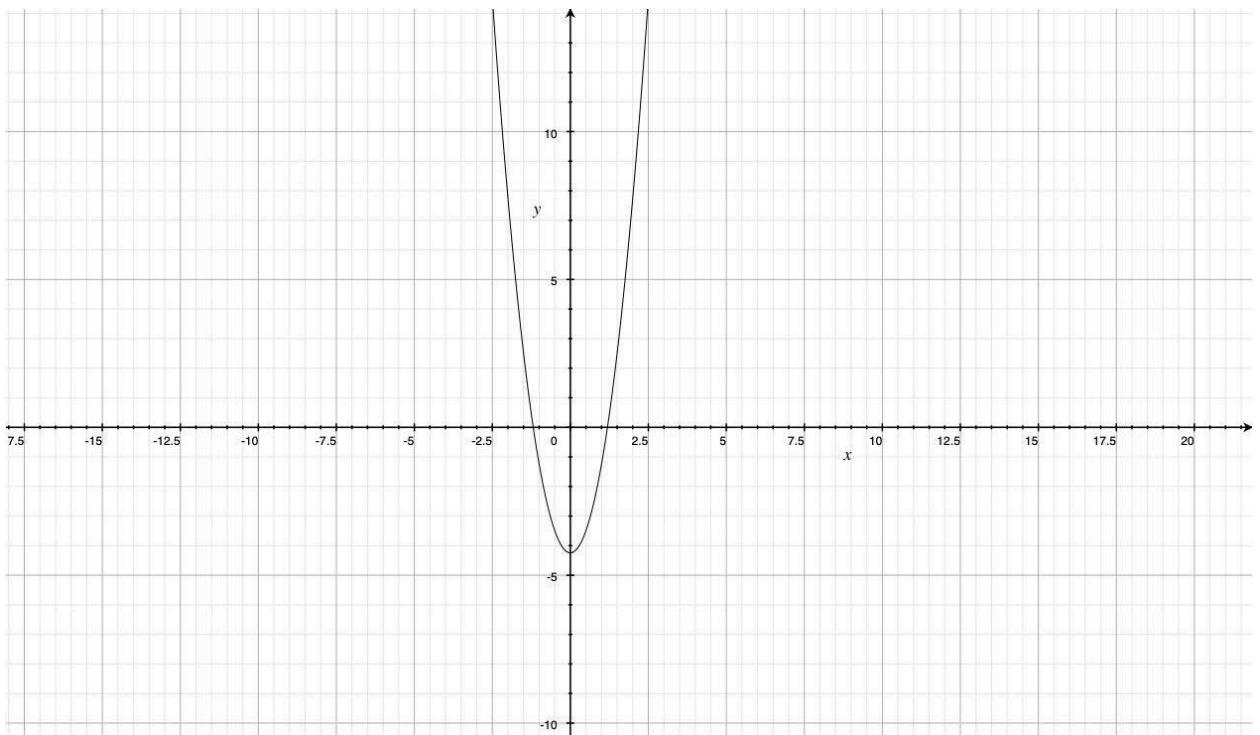


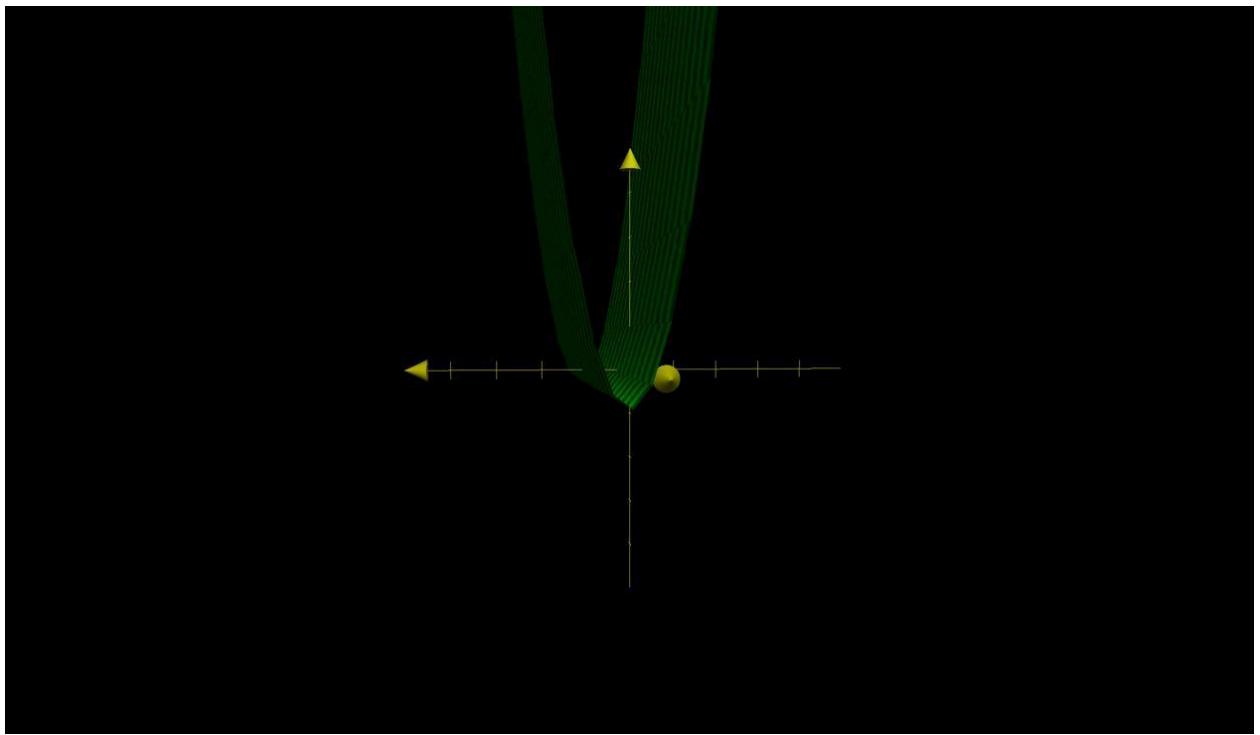
$$Q23. \ y=4x^2-x-4$$



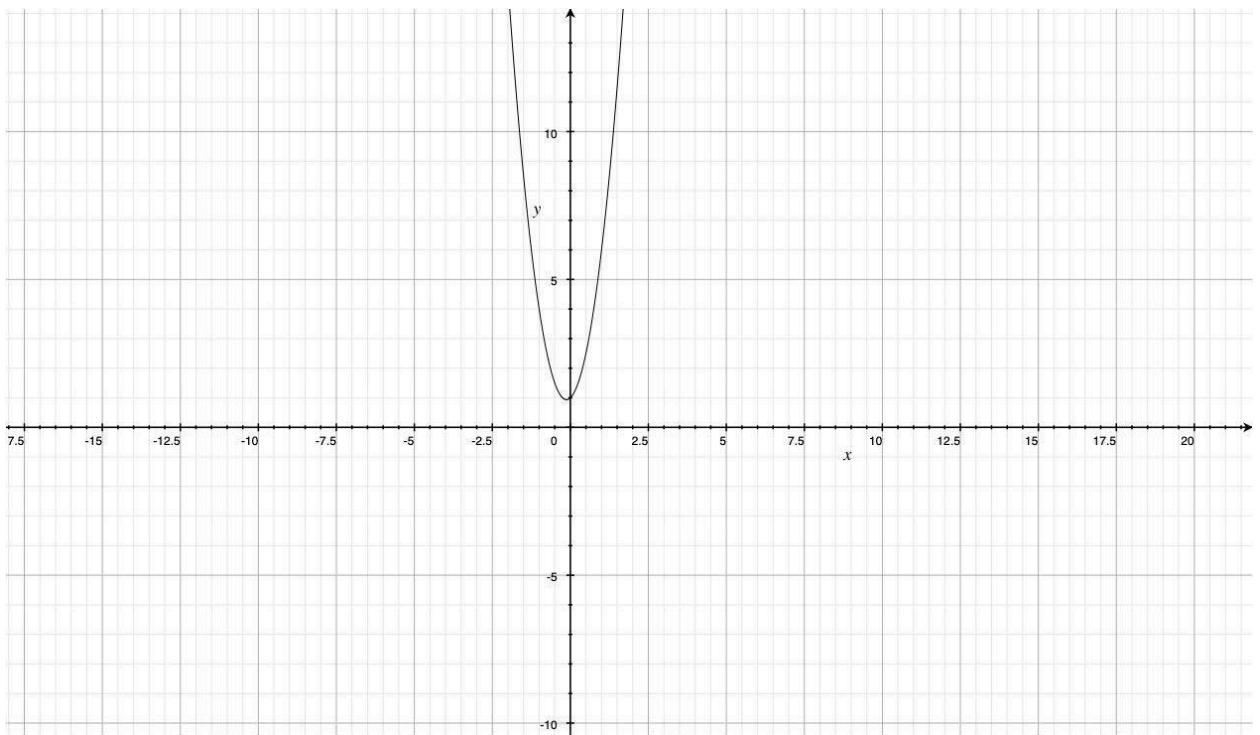


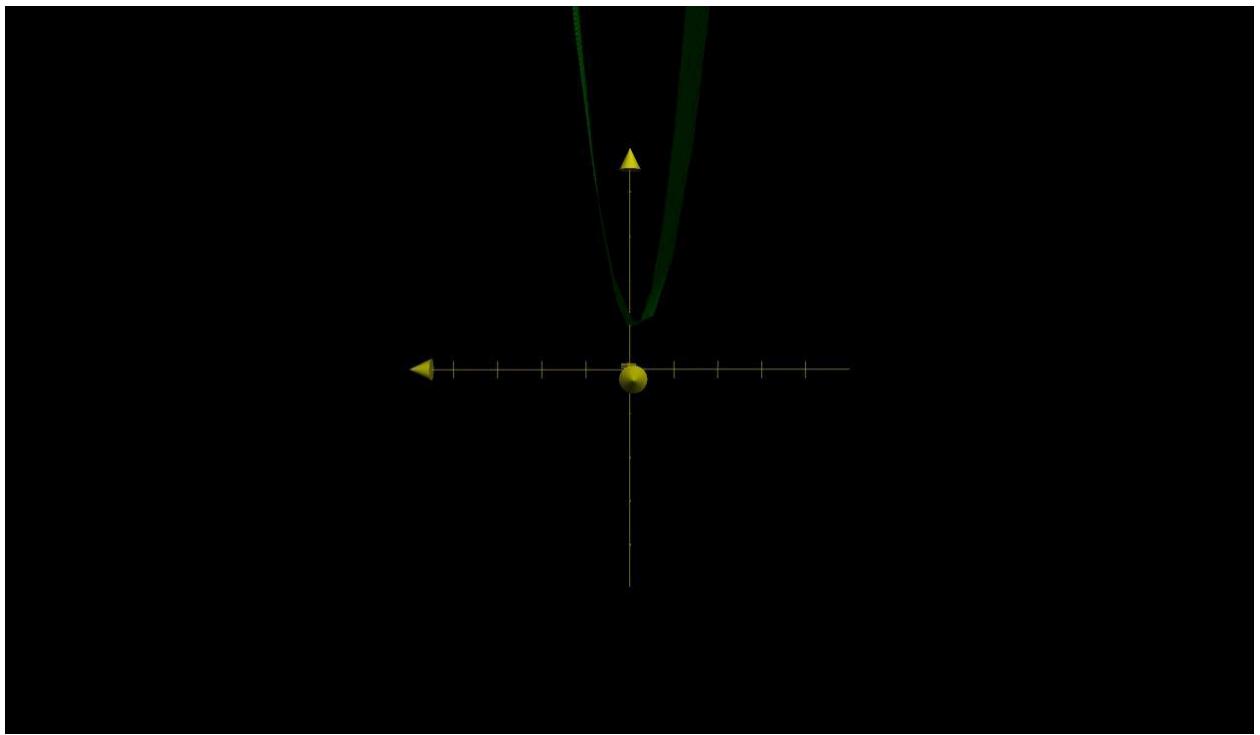
$$Q24. \ y=3x^2-3|\sqrt{2}x+1$$



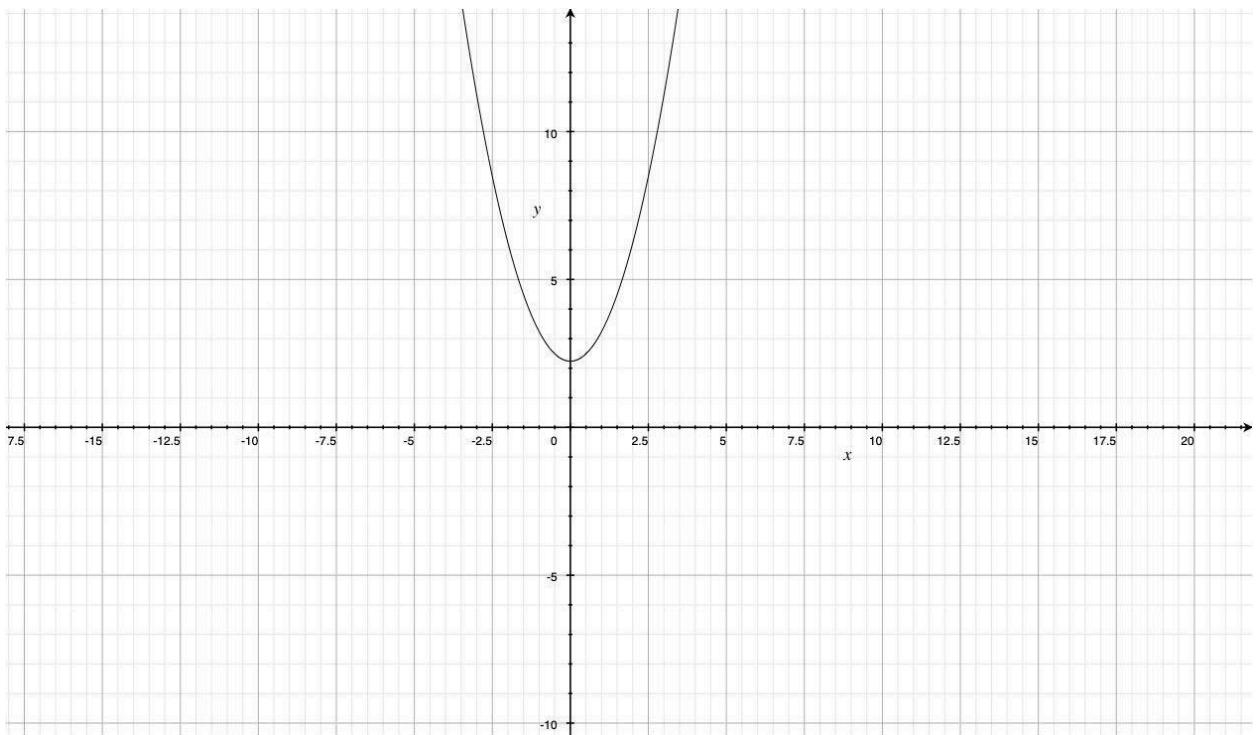


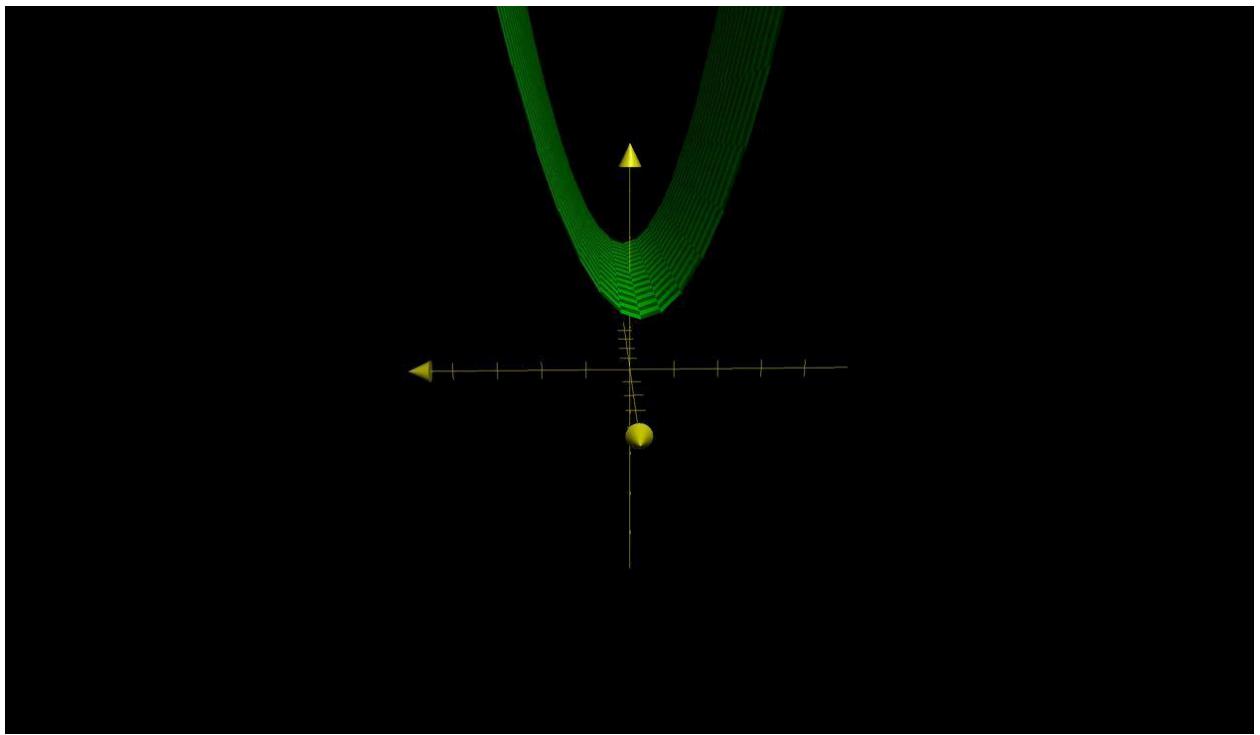
$$Q25. \ y=4x^2+x+1$$



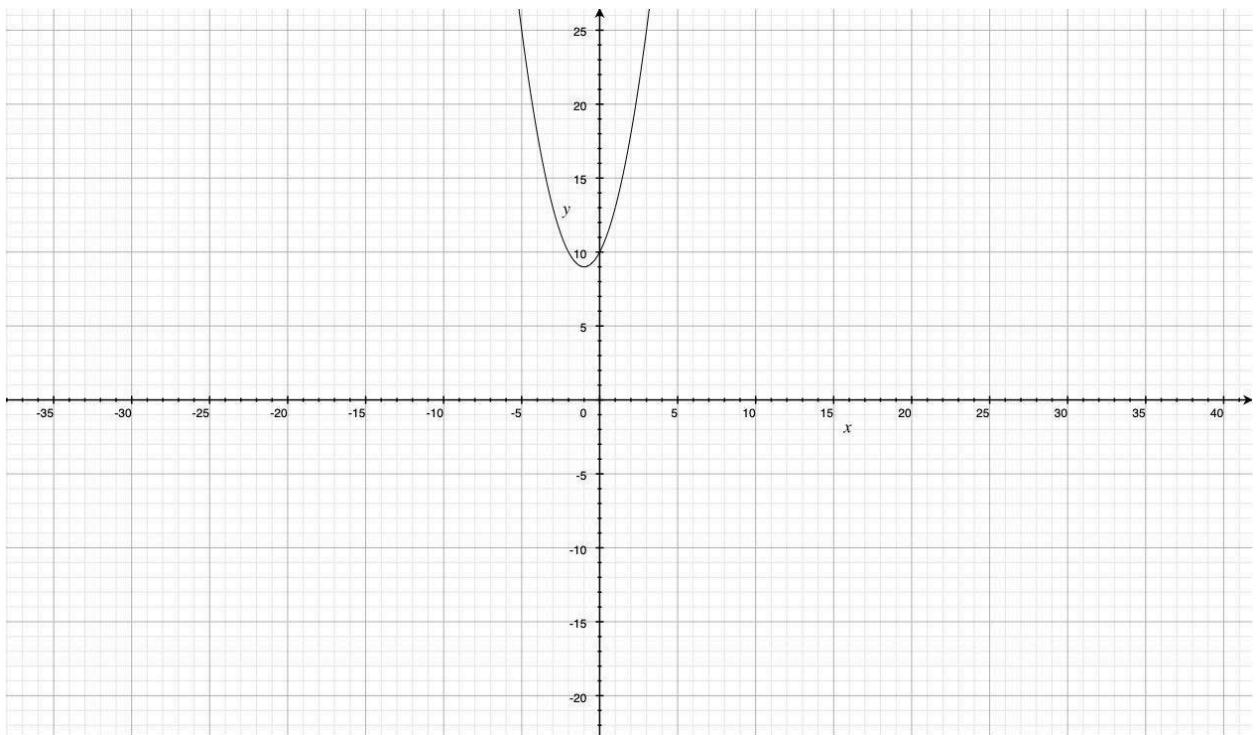


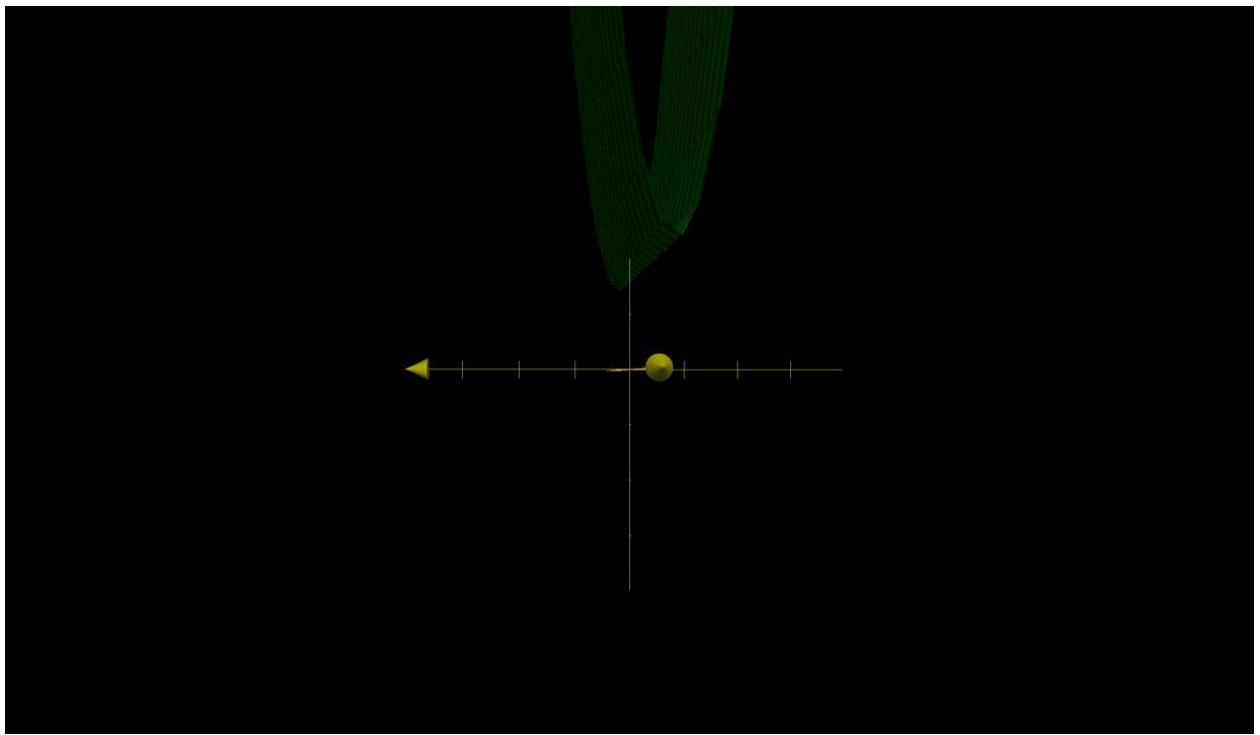
$$Q26. \ y=x^2+|\sqrt{5}|$$



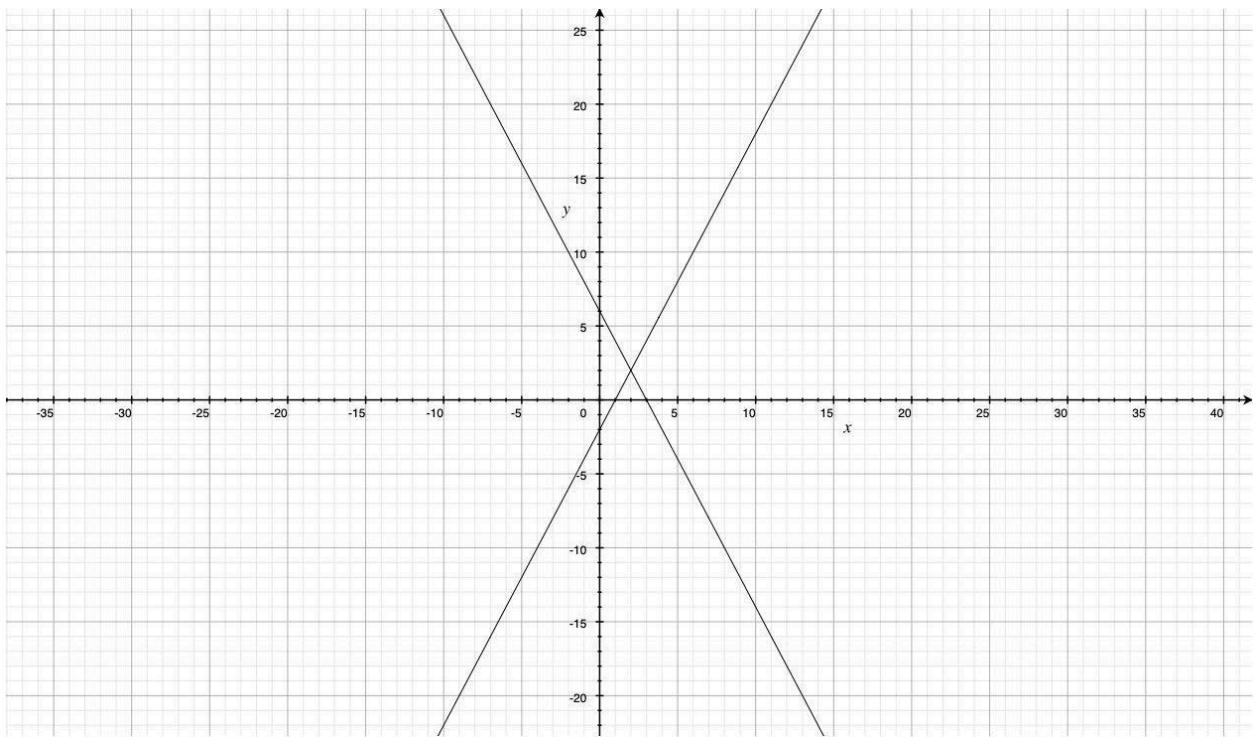


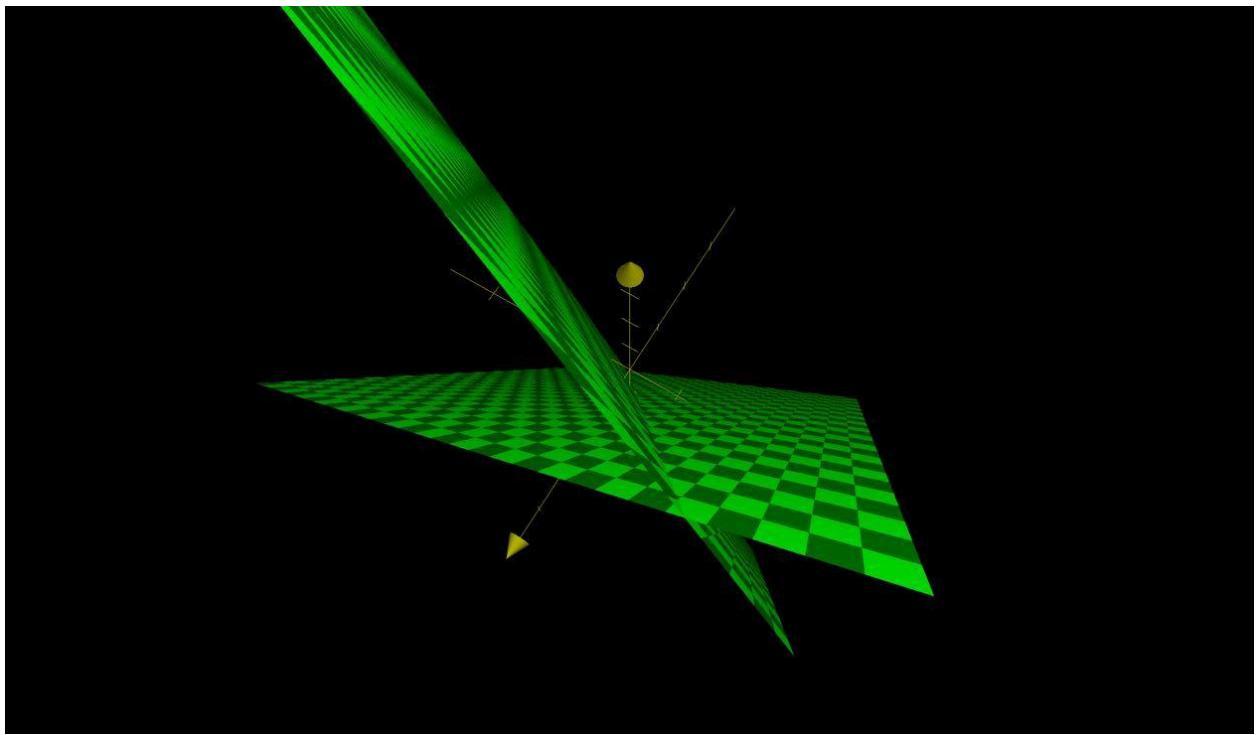
$$Q27. \ y=x^2+2x+10$$



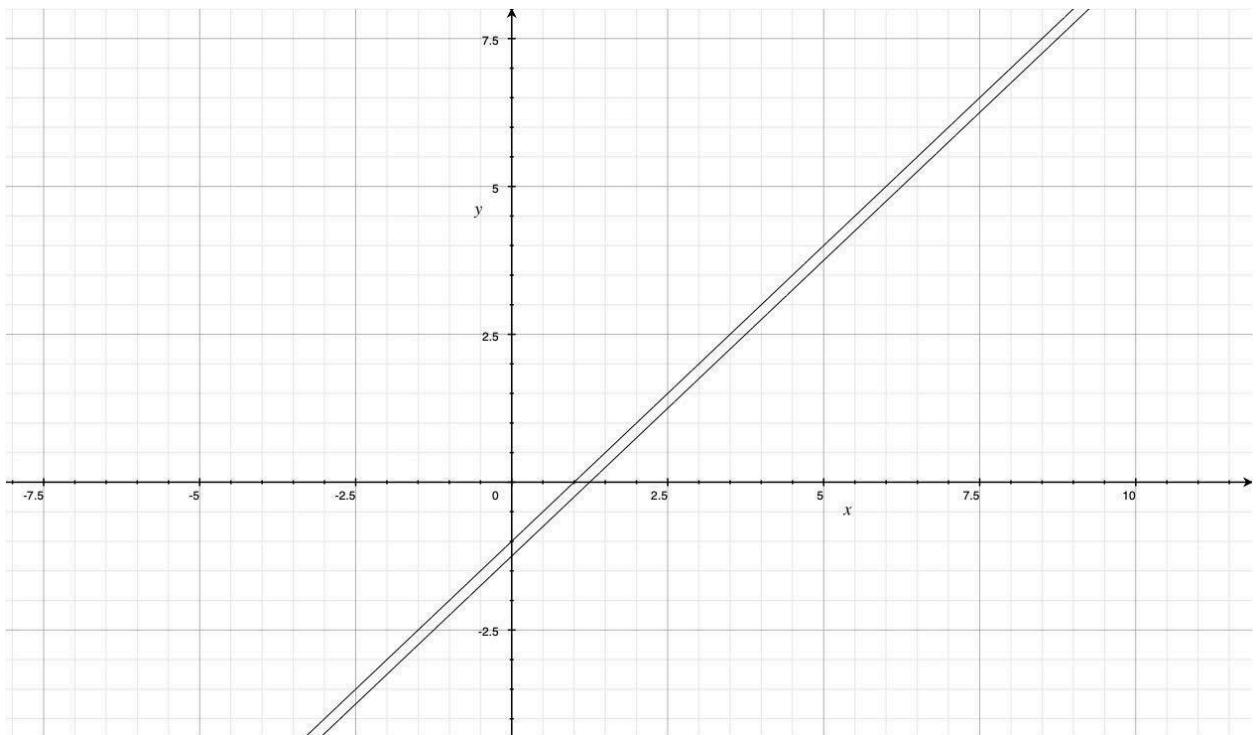


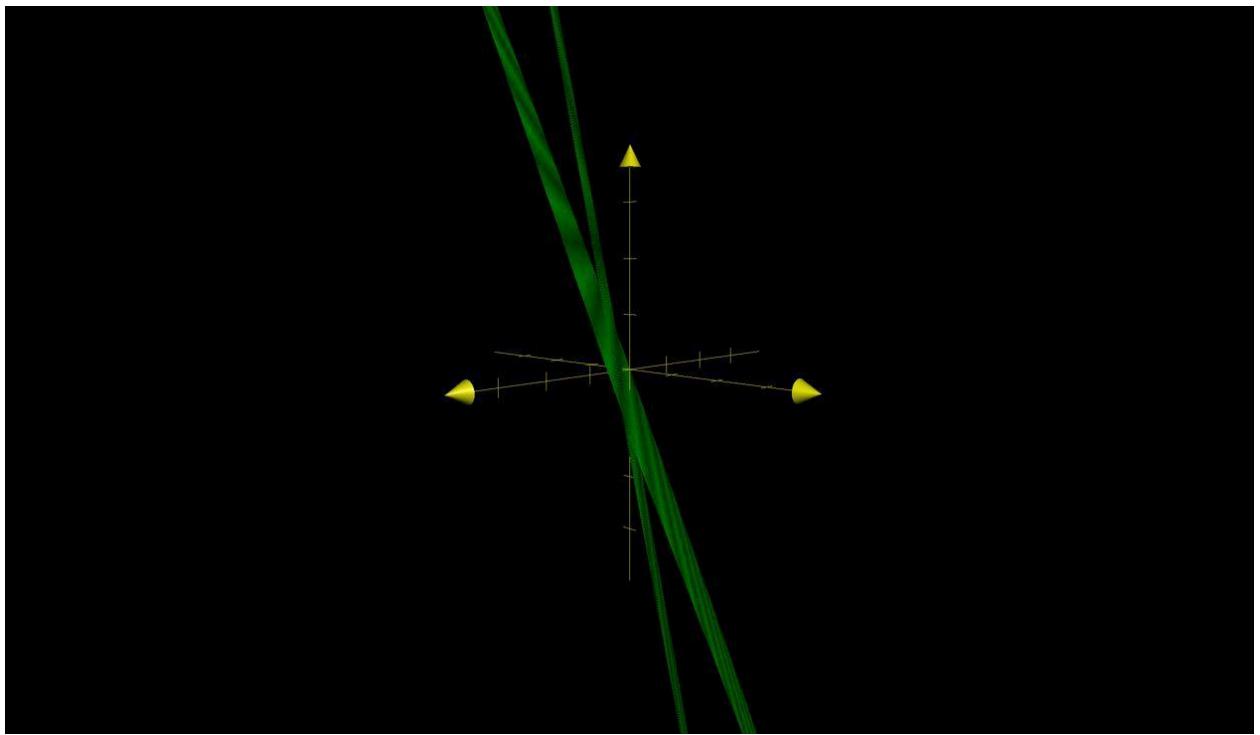
Q28.  $2x+y-6=0$ ,  $4x-2y-4=0$



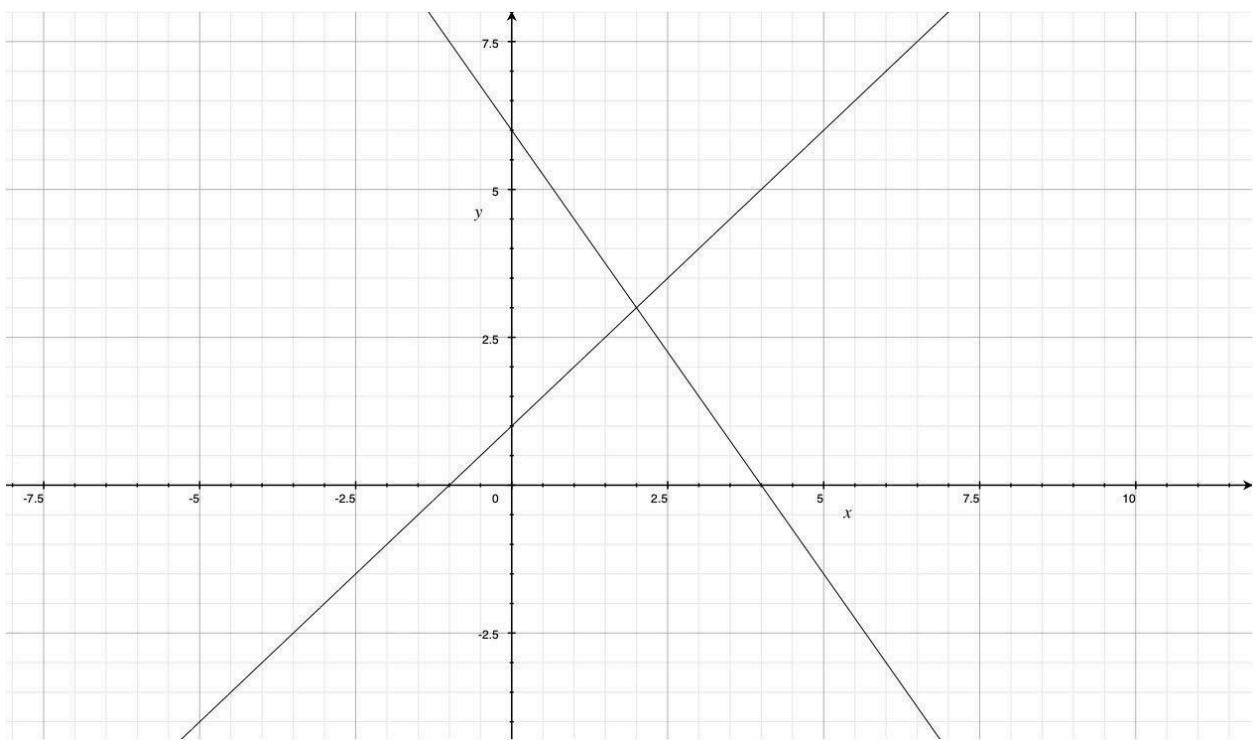


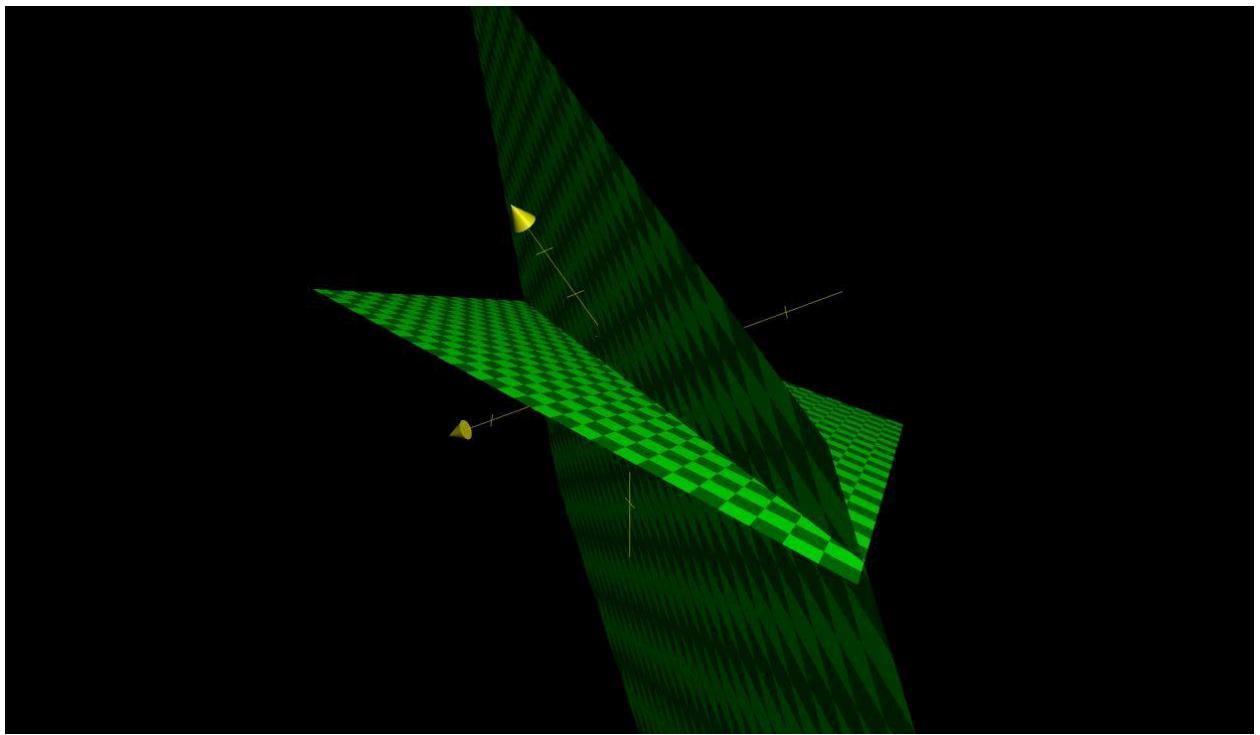
$$Q29. \begin{aligned} 2x - 2y - 2 &= 0 \\ 4x - 4y - 5 &= 0 \end{aligned}$$



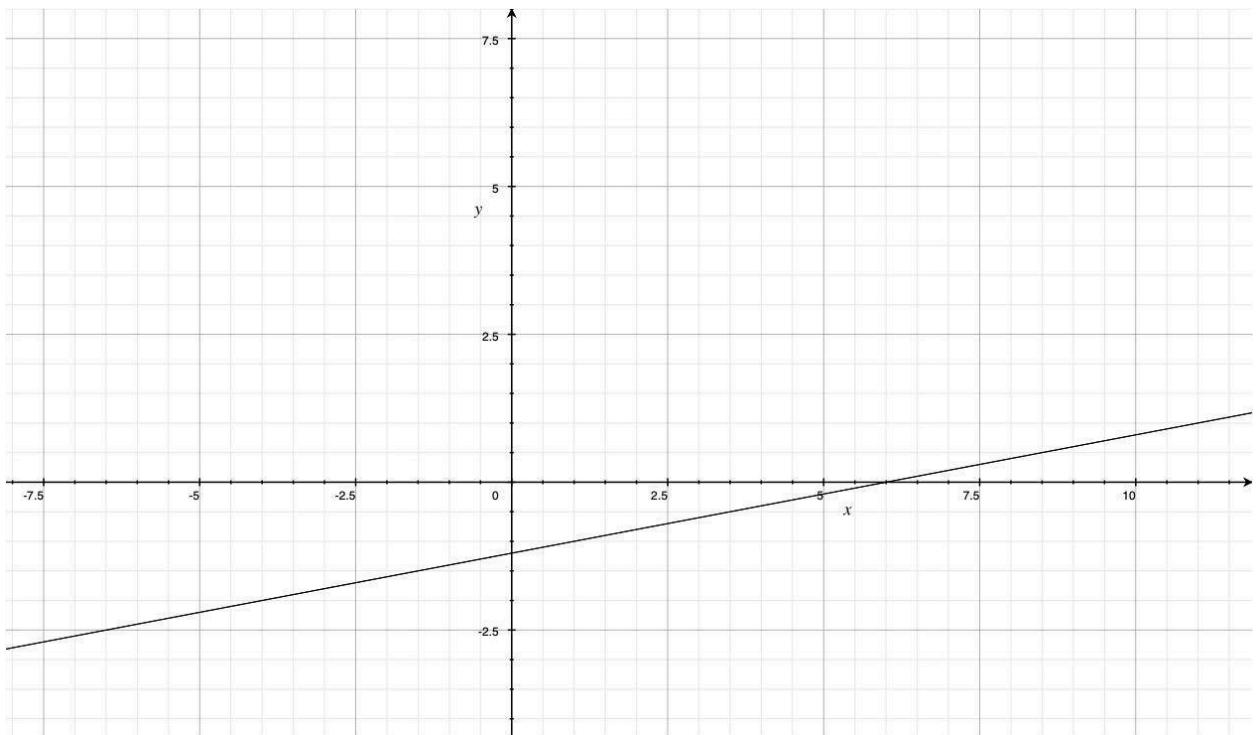


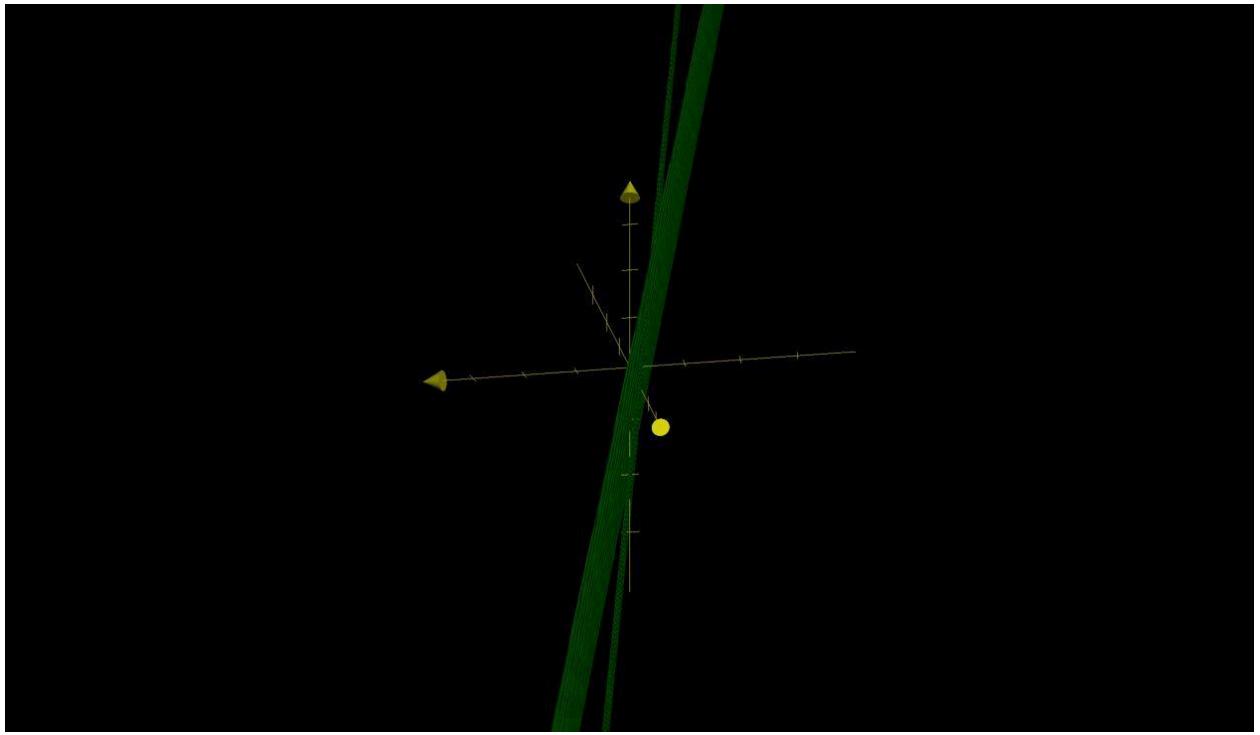
Q30.  $x - y + 1 = 0$ ,  $3x + 2y - 12 = 0$



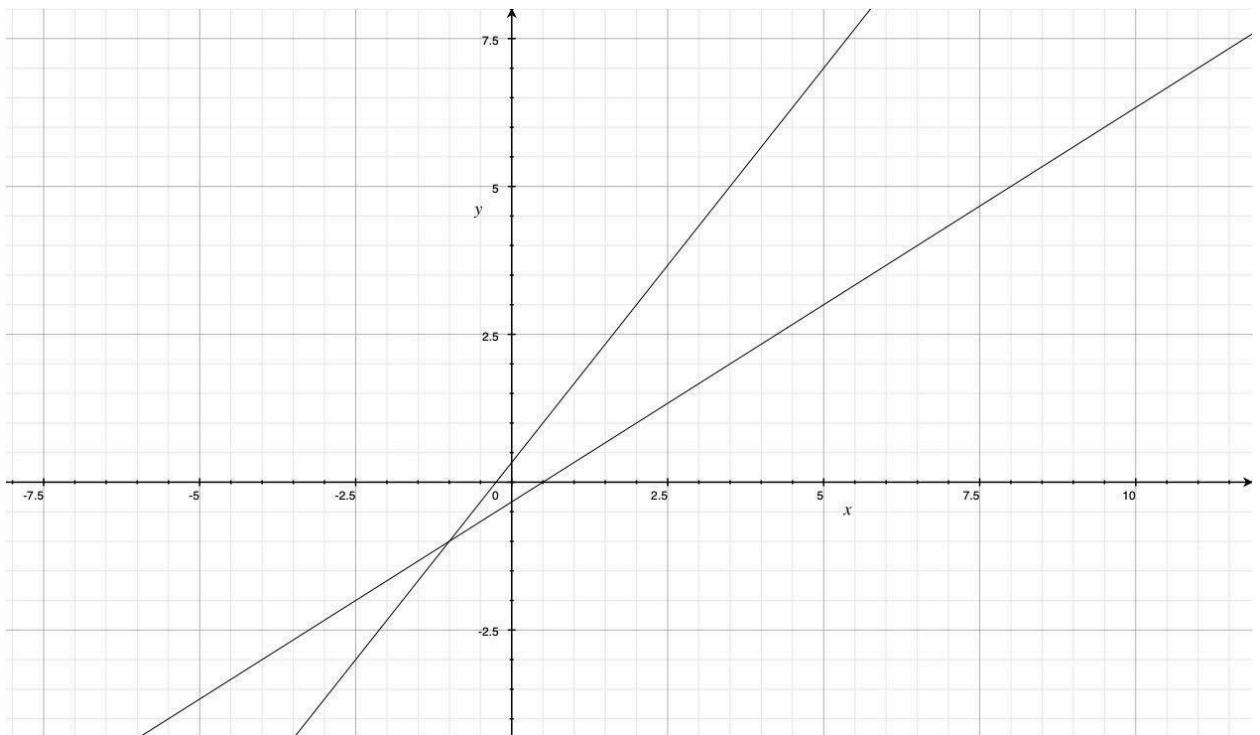


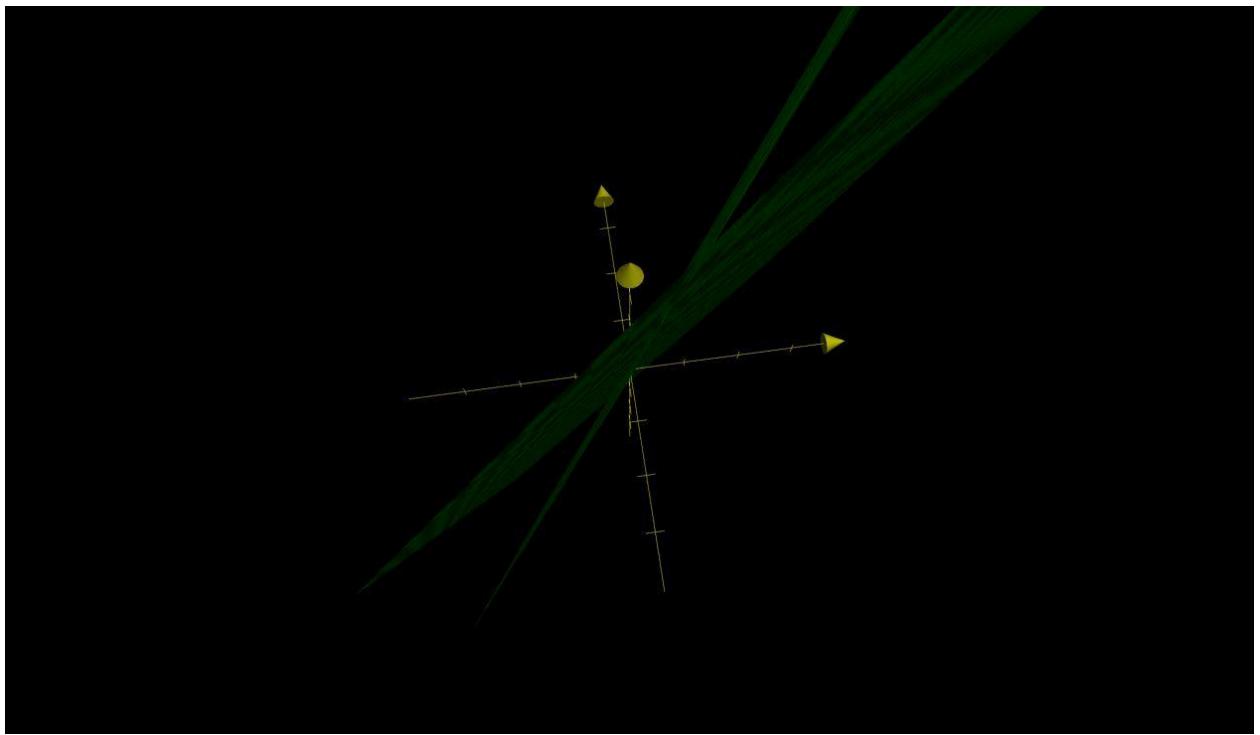
$$Q31. \quad 2x - 10y = 12, \quad x - 5y = 6$$



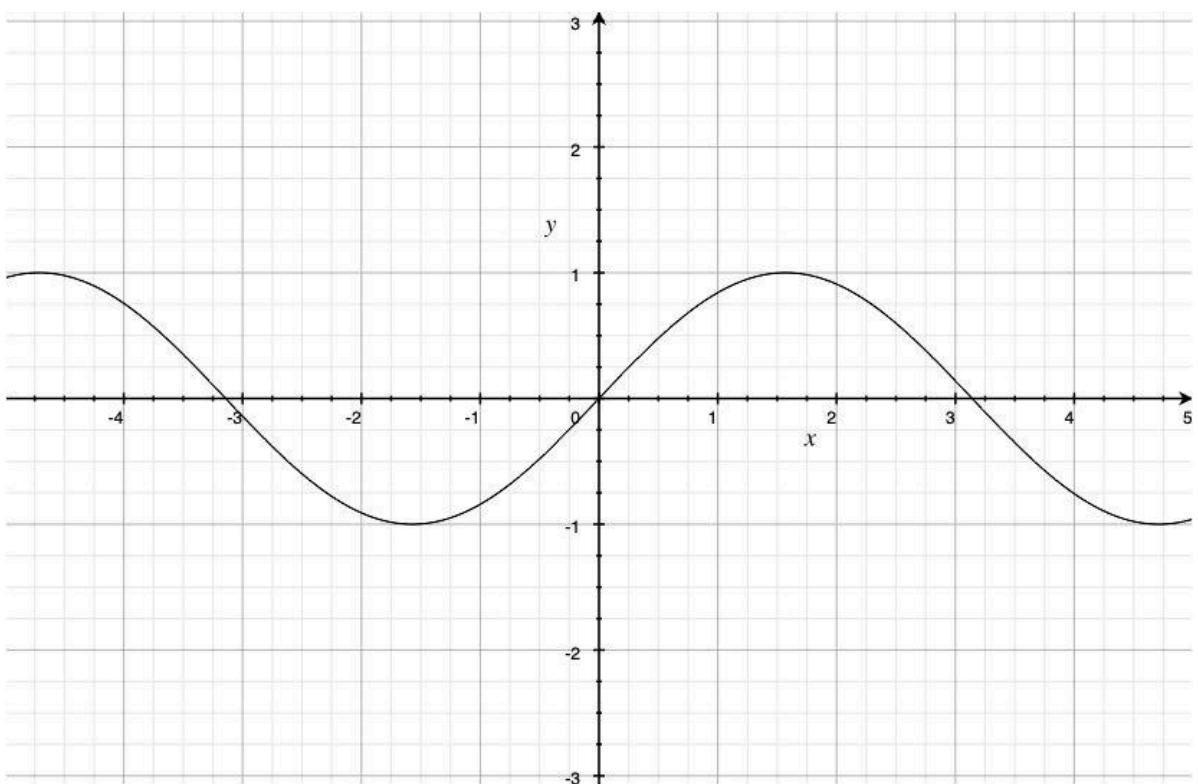


Q32.  $4x - 3y + 1 = 0$ ,  $2x - 3y = 1$

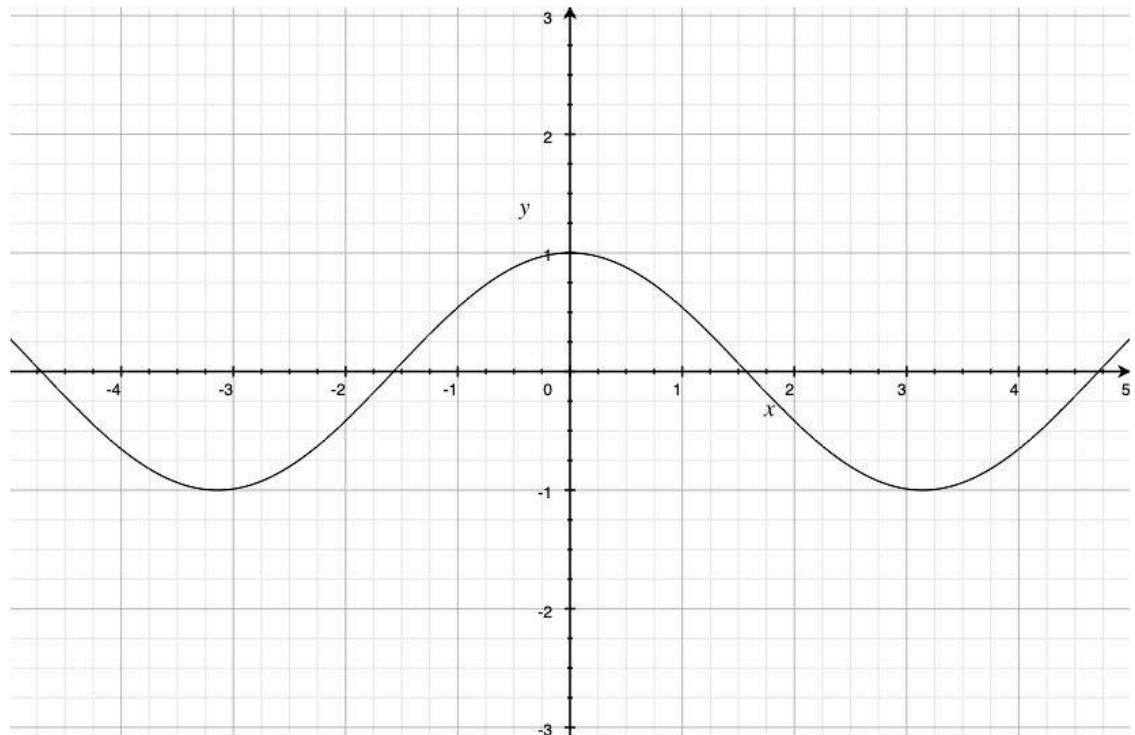




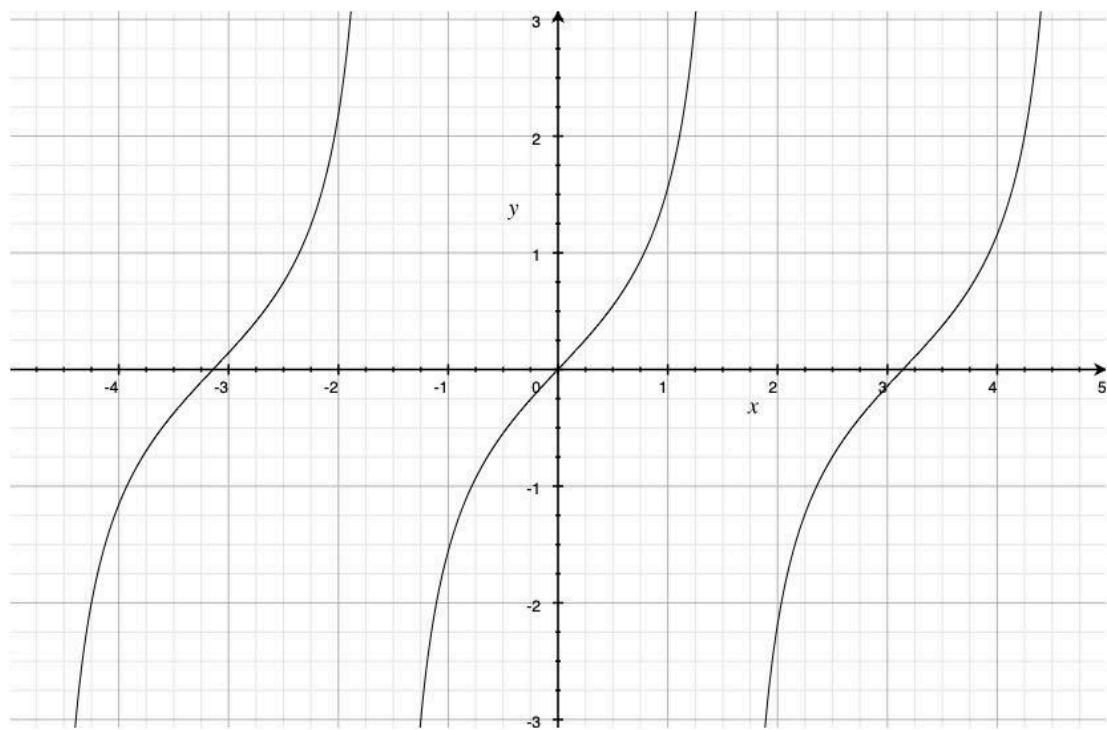
Q33.  $y=\sin x$



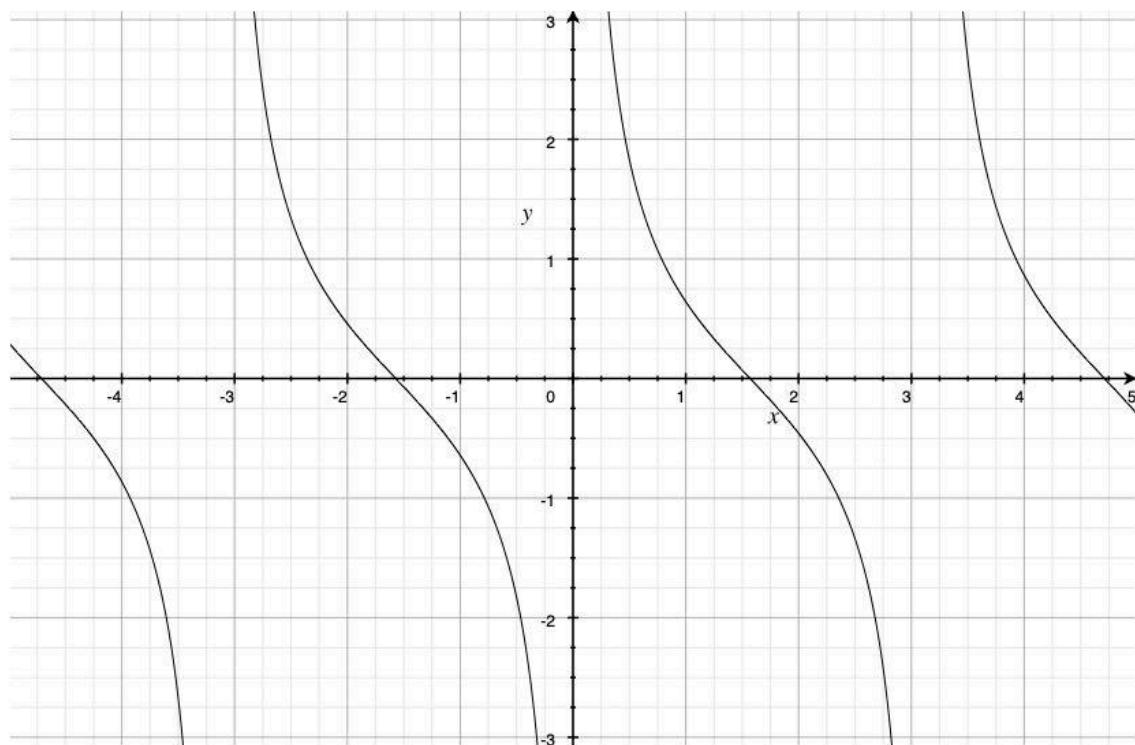
Q34.  $y=\cos x$



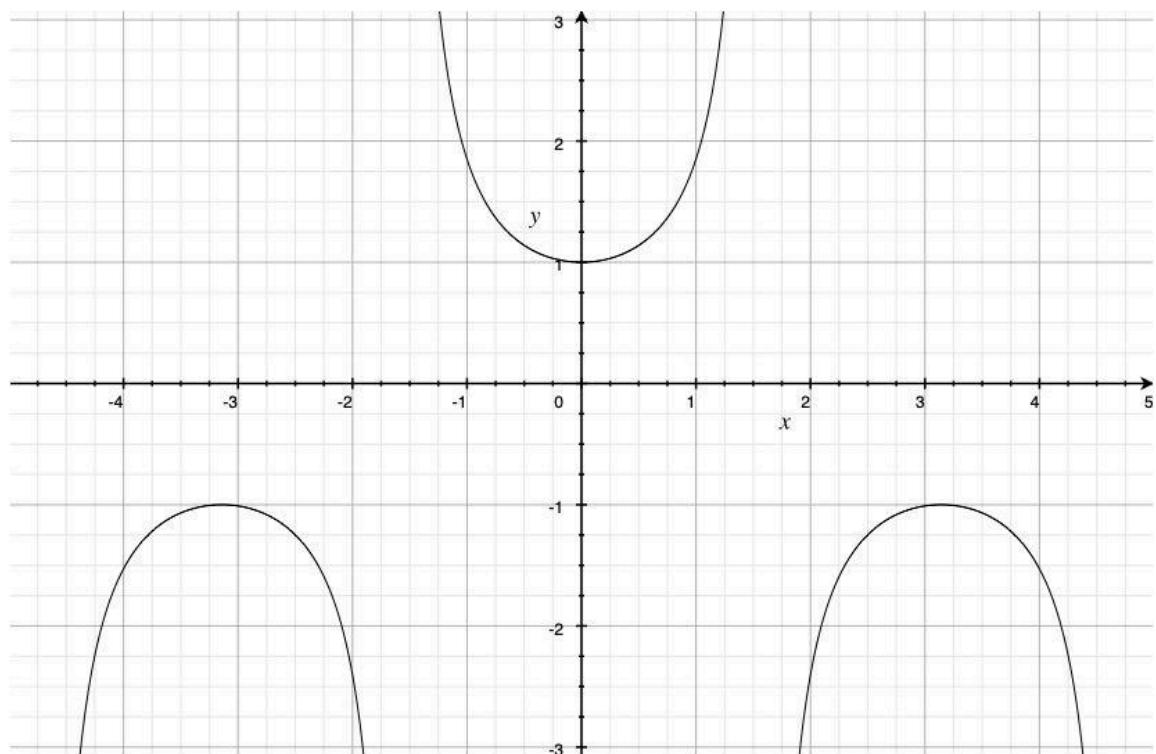
Q35.  $y=\tan x$



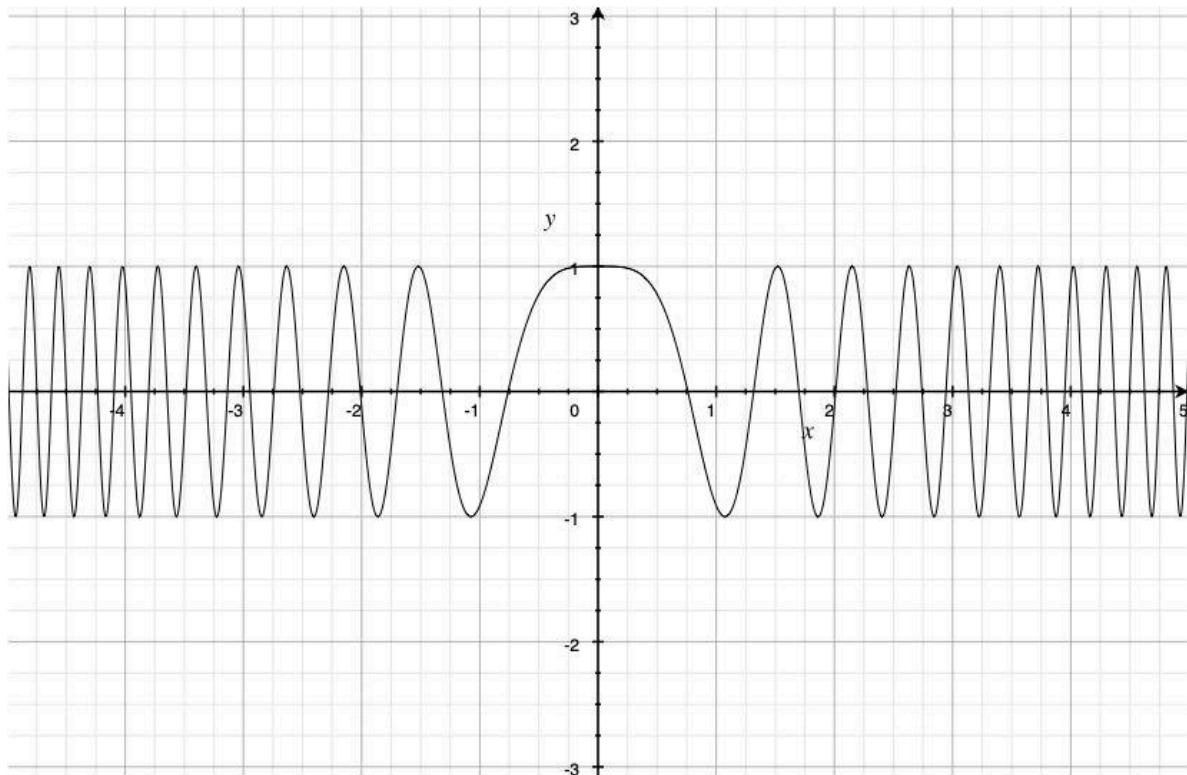
Q36.  $y = \cot x$



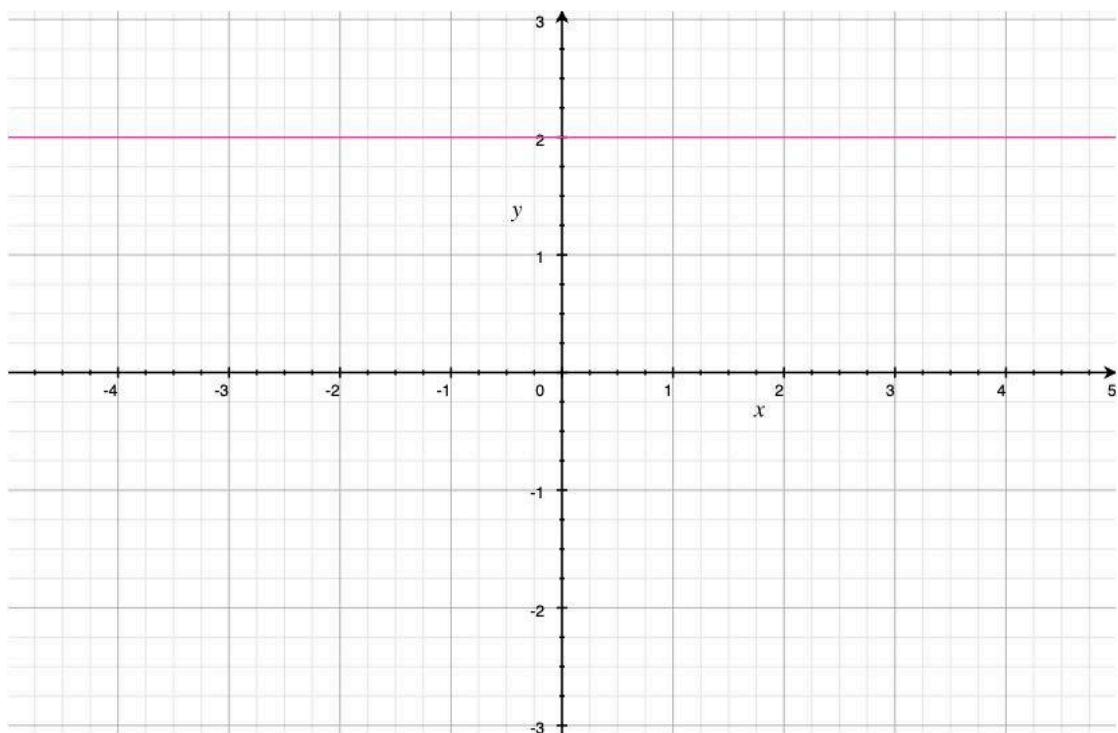
Q37.  $y = \sec x$



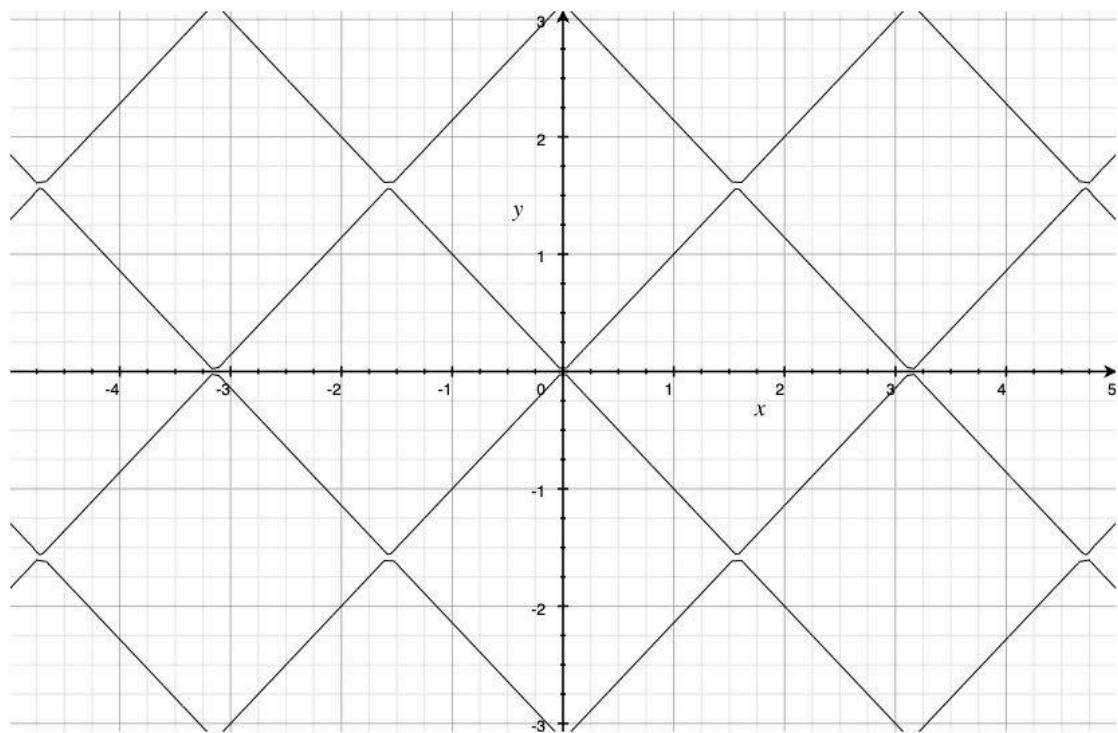
**Q38.**  $y = \cos exx$



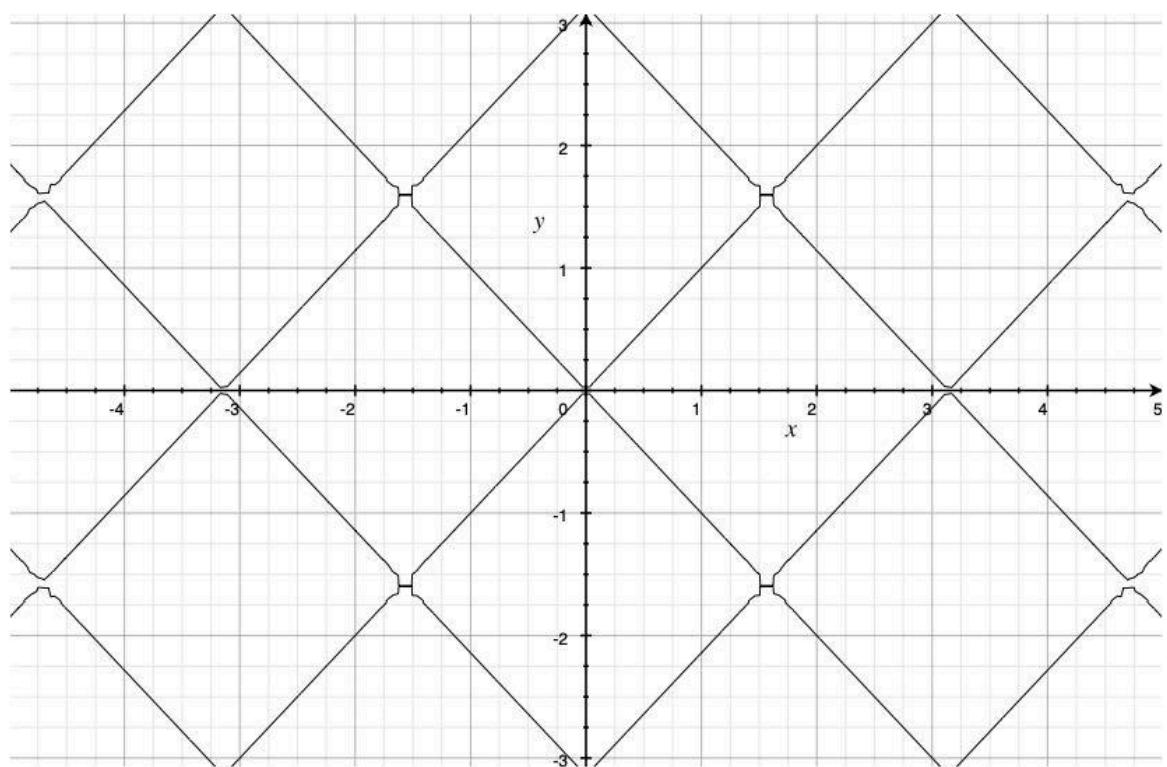
**Q39.**  $y = \sin^2 x + \cos^2 x + 1$



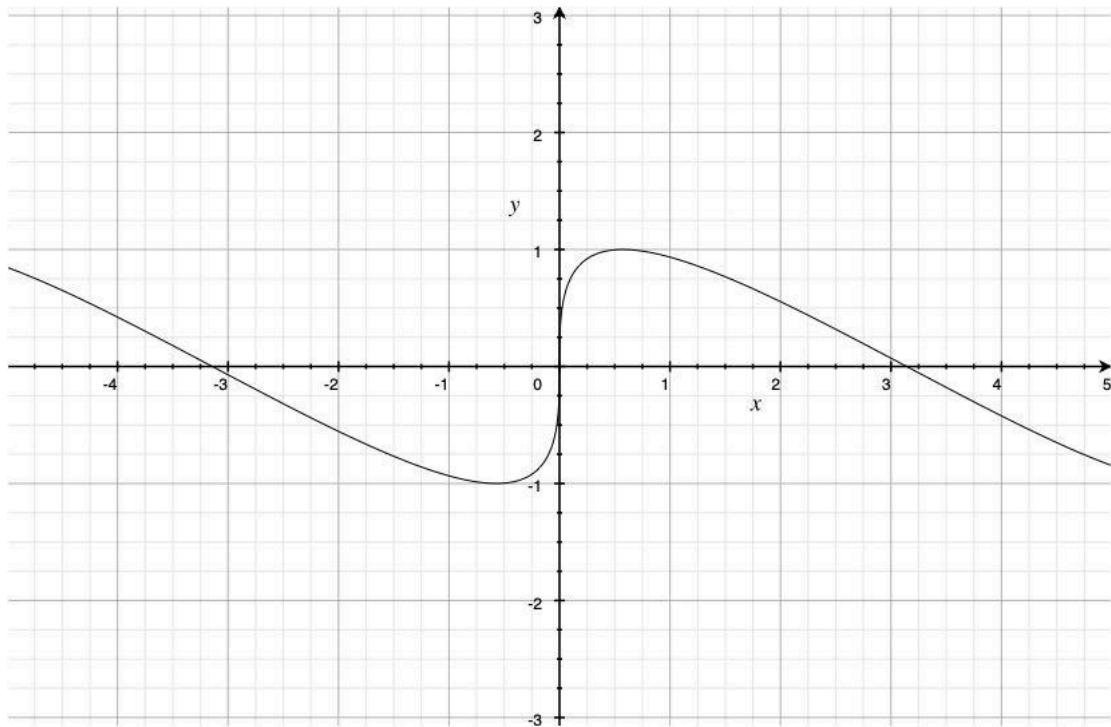
**Q40.**  $\sin^2 x + \cos^2 y = 1$



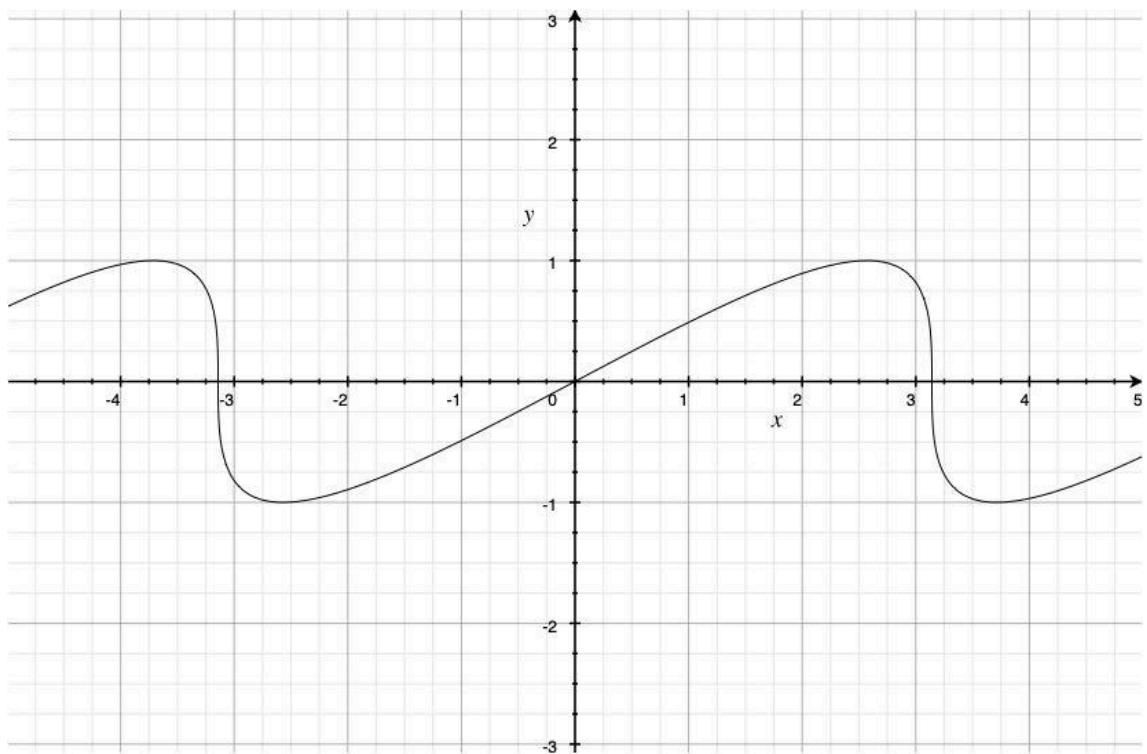
**Q41.**  $1 + \tan^2 x = \sec^2 y$



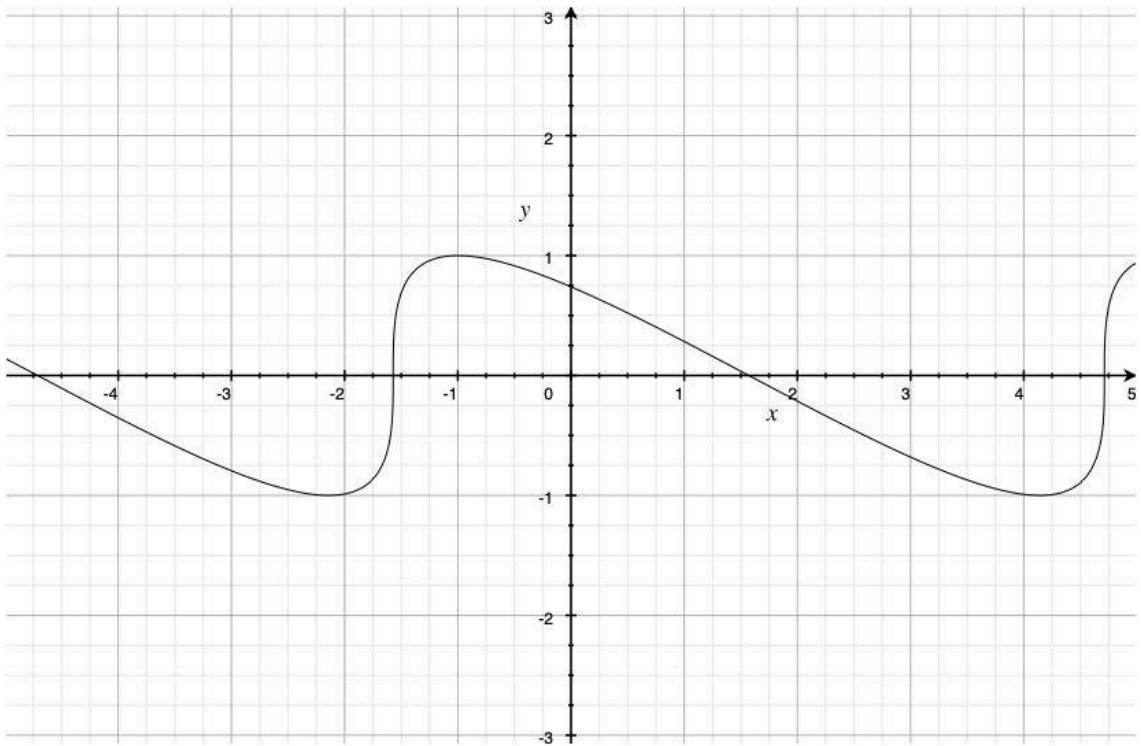
Q42. $y=\sin(x+y)$



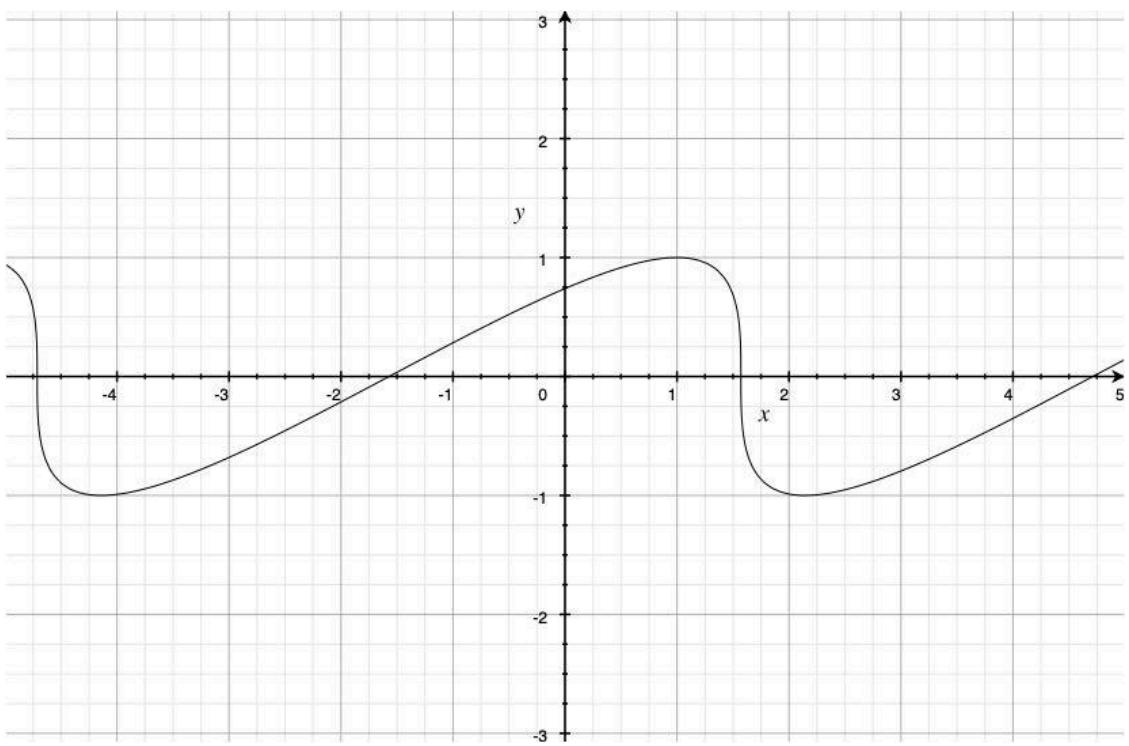
Q43. $y=\sin(x-y)$



$$Q44. y = \cos(x+y)$$



$$Q45. y = \cos(x-y)$$



**Q46.**  $9\sec^2 x - 9\tan^2 y = 9$

