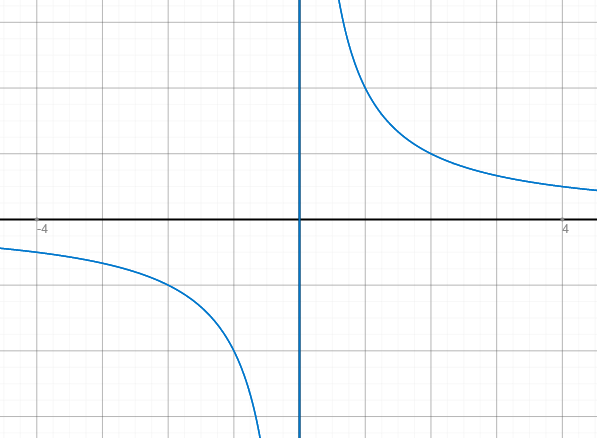
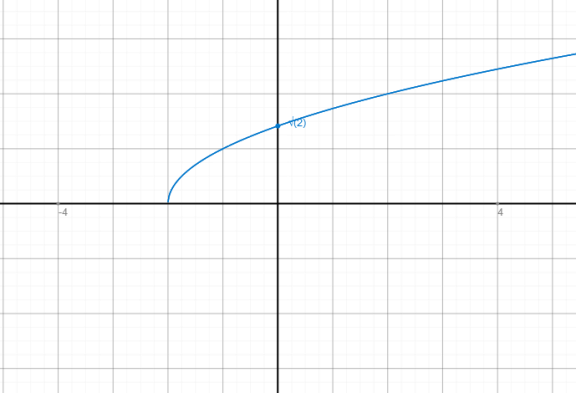
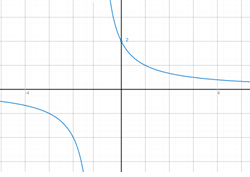
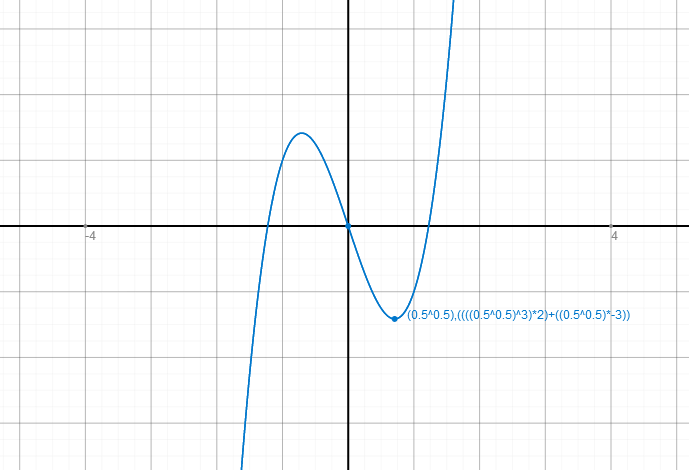
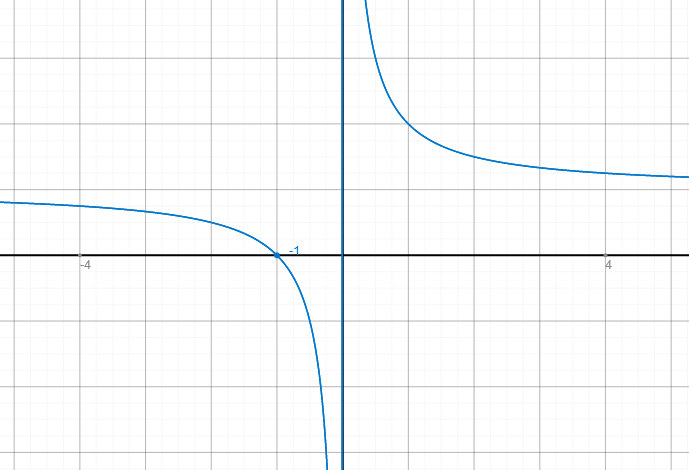
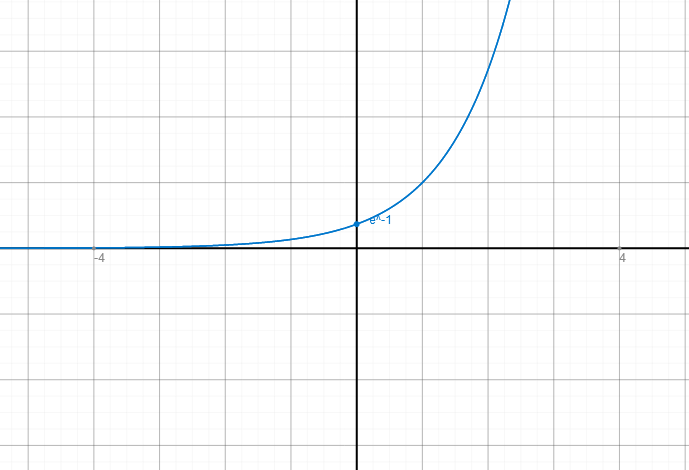
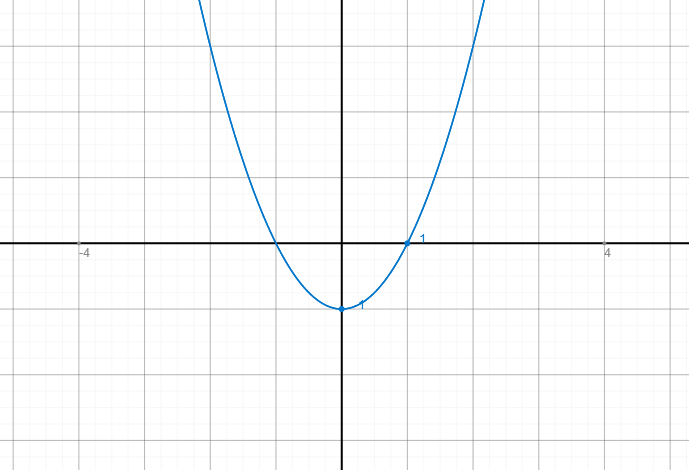
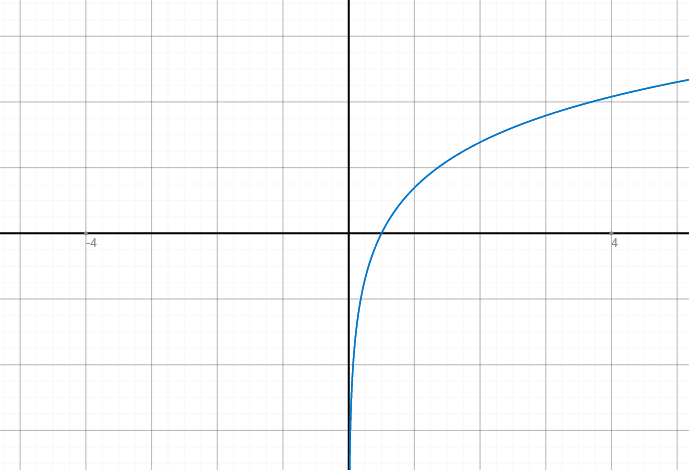
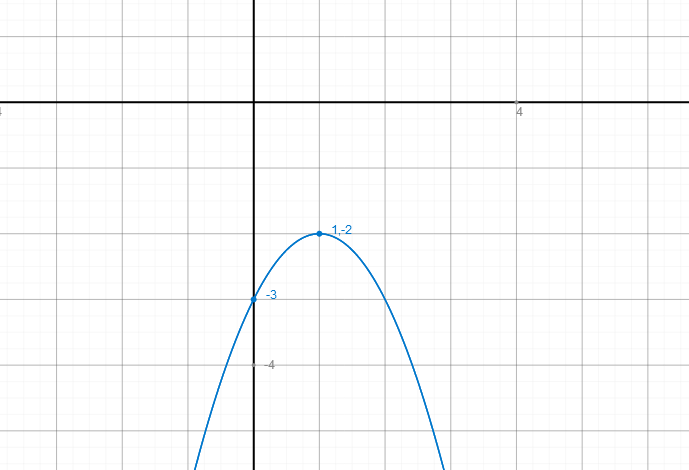
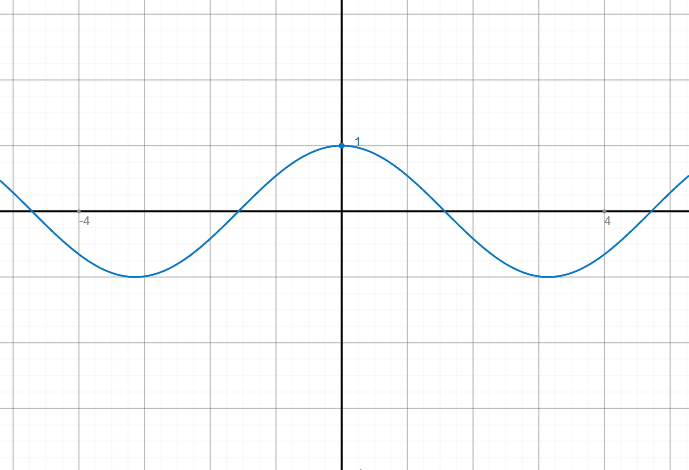
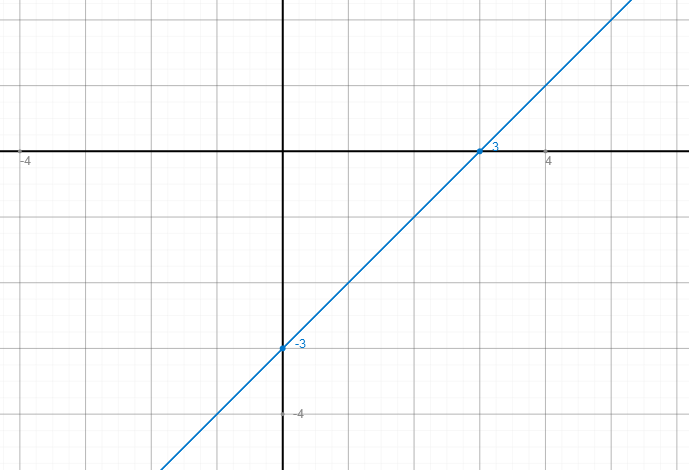
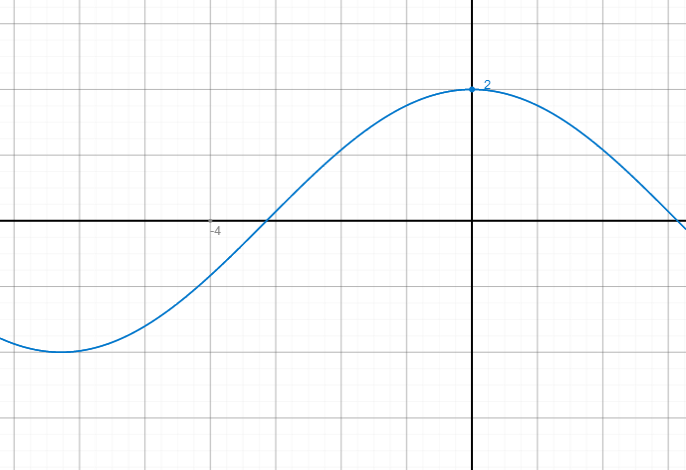
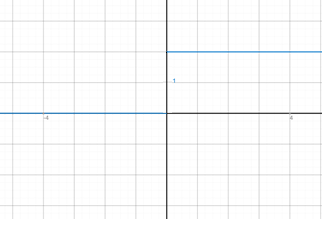
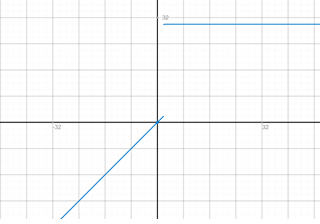
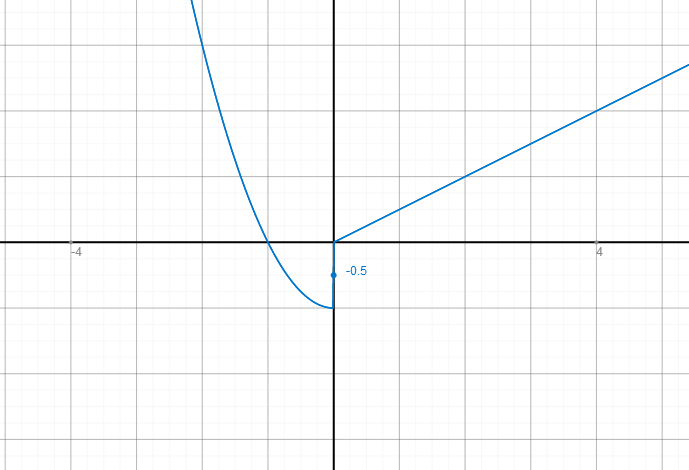
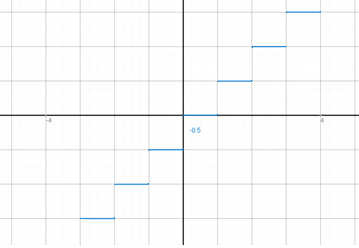
Professora: Mirela Vanina

Tutor: Jairo Amaral

Lista 1

1. Apenas “c” e “d” representam gráficos de funções, pois cada valor no domínio tem somente um valor na imagem.
   1. ; ; ; .
   2. .
   3. ; ; .
   4. .
   5. .
   6. .
   7. .
   8. .
   9. .
2. A
   1. ;
   2. ;
   3. ;
   4. ;
   5. ;
   6. ;
   7. ;
   8. ;
   9. ;
   10. ;
   11. ;
   12. ;
   13. ;
   14. ;
   15. ;
   16. ;
   17. ;
   18. ;
   19. ;
   20. ;
   21. .
   22. ;
   23. ;; 
   24. ; 
   25. ;
   26. ;;
   27. ;;
   28. ; 
   29. ;;
   30. ; 
   31. ;;
   32. ;;
   33. ;;
   34. ;;
   35. ; 
   36. ;;
   37. ;;
   38. ; ;
   39. ;; 
3. ;;.

.

1. Nota: é difícil estabelecer os valores exatos da imagem de algumas funções sem usar derivadas.
2. ;;;

;.

;.

; ;

;.

1. ;;;

;; ;

;;;

;;;;

;;;

1. *;;*

;;;

;;

;;;

;;.

1. *;;;.*

; ;;

;;;

;;;

;;.

* + 1. Ambas são bem definidas. ;.
    2. : A={}={}

;

:; .

* + 1. : A={}={};

: bem definida;.

* + 1. : bem definida.;

: B*.*.

* 1. :bem definida.;

. .

* 1. :.

: ;.

1. Não, porque tem domínio , enquanto tem domínio .