

## EXERCÍCIOS 2.6

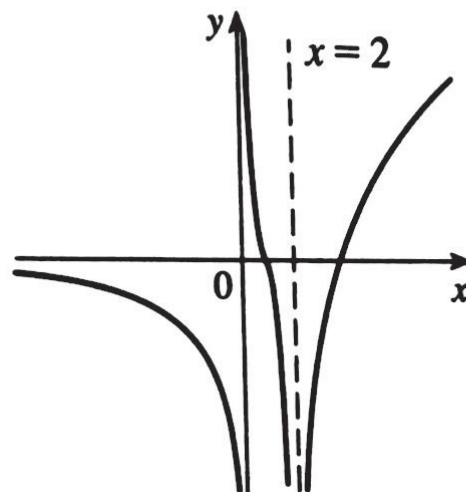
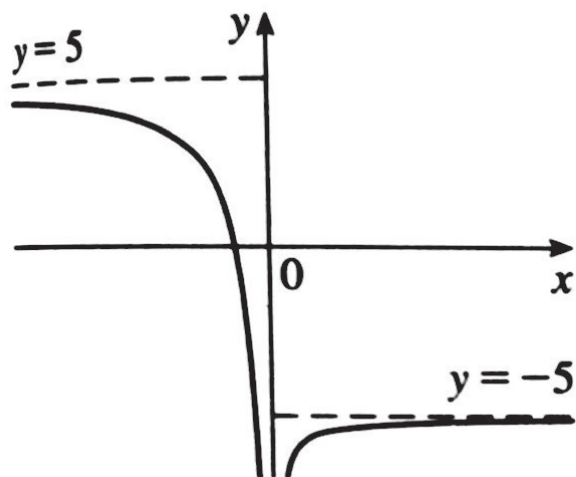
1. (a) Quando  $x$  se torna grande,  $f(x)$  aproxima-se de 5.  
 (b) Quando  $x$  se torna um negativo grande (em módulo),  $f(x)$  aproxima-se de 3.

3. (a)  $\infty$  (b)  $\infty$  (c)  $-\infty$  (d) 1 (e) 2

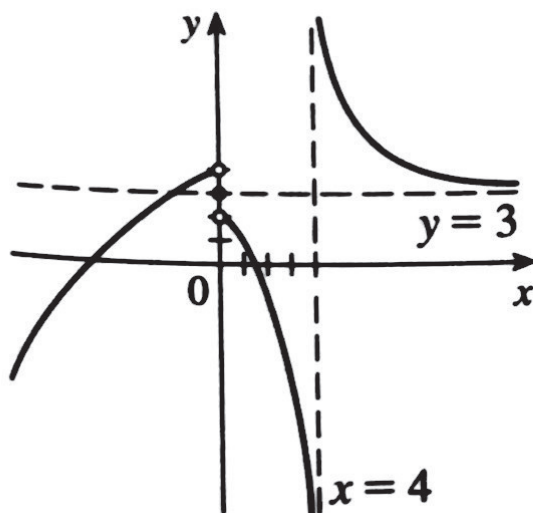
- (f)  $x = -1, x = 2, y = 1, y = 2$

5.

7.



9.



11. 0

13.  $\frac{3}{2}$

15. 0

17.  $-\frac{1}{2}$

19. -1

21. 4

23. 3

25.  $\frac{1}{6}$

27.  $\frac{1}{2}(a - b)$

29.  $\infty$

31.  $-\infty$

33.  $\pi/2$

35.  $-\frac{1}{2}$

37. 0

39. (a), (b)  $-\frac{1}{2}$

41.  $y = 2, x = 2$

43.  $y = 2; x = -2, x = 1$

45.  $x = 5$

47.  $y = 3$