

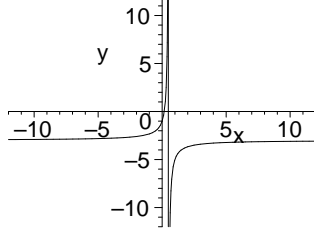
## Exercises

Graph these functions!

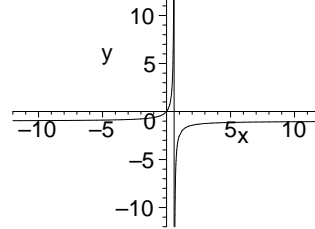
- $f(x) = -8 \frac{1}{8x-4} - 3$
- $f(x) = -\frac{1}{6x+2} - 6$
- $f(x) = 5 \frac{1}{-2x+6} - 6$
- $f(x) = -2 \frac{1}{3x+1} + 6$
- $f(x) = -7 \frac{1}{6x-3} + 1$
- $f(x) = -3 \frac{1}{5x-3} - 1$
- $f(x) = -4 \frac{1}{-3x-3} + 4$
- $f(x) = -6 \frac{1}{-x-4} - 4$
- $f(x) = -5 \frac{1}{4x+7} - 2$
- $f(x) = -7 \frac{1}{-4x+3} - 2$
- $f(x) = 2 \frac{1}{-2x+4} + 3$
- $f(x) = -2 \frac{1}{-x-2} - 1$
- $f(x) = \frac{1}{x+6} + 7$
- $f(x) = -6/7 \frac{1}{x}$
- $f(x) = 2 \frac{1}{7x-3} + 1$
- $f(x) = 6 \frac{1}{-4x+5} + 3$
- $f(x) = -4 \frac{1}{4x-2} + 1$
- $f(x) = -2 \frac{1}{-5x+4} + 4$
- $f(x) = 2 \frac{1}{x-8} - 5$
- $f(x) = -5 \frac{1}{-2x-7} - 5$
- $f(x) = -6 \frac{1}{-6x-3} + 1$
- $f(x) = 5 \frac{1}{4x+1}$
- $f(x) = -7 \frac{1}{2x-1} - 1$
- $f(x) = 6 \frac{1}{-x-7} - 1$
- $f(x) = -3 \frac{1}{-4x-8} - 1$
- $f(x) = 8 \frac{1}{5x-1} - 4$
- $f(x) = -5 \frac{1}{7x+6} - 4$
- $f(x) = -6 \frac{1}{6x+7} + 6$
- $f(x) = 3 \frac{1}{3x-2} - 1$
- $f(x) = 3 \frac{1}{4x+3} - 6$
- $f(x) = -7 \frac{1}{-x-1} + 7$
- $f(x) = -7 \frac{1}{4x-7} + 2$
- $f(x) = -5 \frac{1}{-8x-2} + 3$
- $f(x) = -8 \frac{1}{-2x+2} - 2$
- $f(x) = -6 \frac{1}{6x-1} + 7$
- $f(x) = 3 \frac{1}{2x+4} + 2$
- $f(x) = -7 \frac{1}{-7x-4} + 5$
- $f(x) = -7 \frac{1}{8x-1} + 3$
- $f(x) = \frac{1}{-8x-5} - 1$
- $f(x) = 8 \frac{1}{-x-4} - 2$

## Solutions

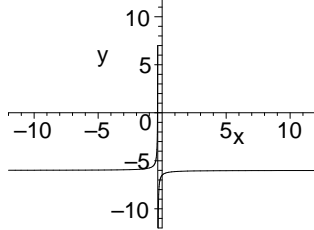
1.  $f(x) = -8 \frac{1}{8x-4} - 3$



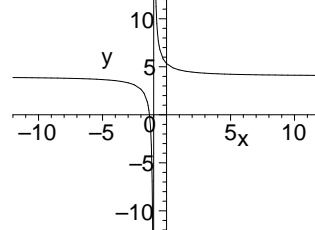
6.  $f(x) = -3 \frac{1}{5x-3} - 1$



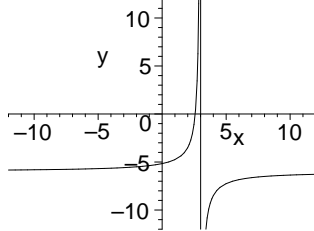
2.  $f(x) = -\frac{1}{6x+2} - 6$



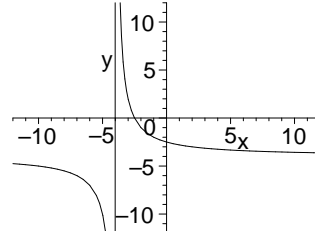
7.  $f(x) = -4 \frac{1}{-3x-3} + 4$



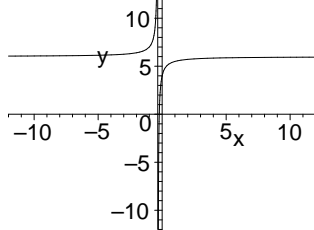
3.  $f(x) = 5 \frac{1}{-2x+6} - 6$



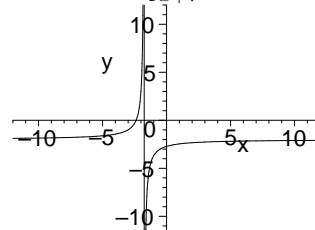
8.  $f(x) = -6 \frac{1}{-x-4} - 4$



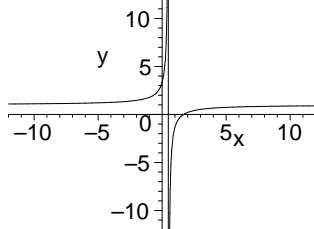
4.  $f(x) = -2 \frac{1}{3x+1} + 6$



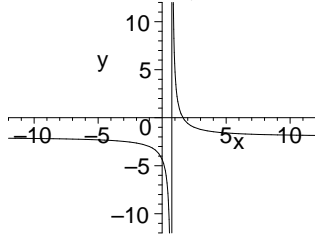
9.  $f(x) = -5 \frac{1}{4x+7} - 2$



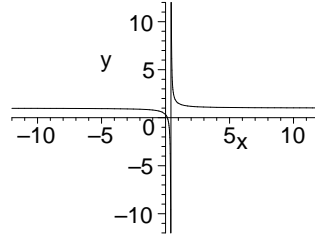
5.  $f(x) = -7 \frac{1}{6x-3} + 1$



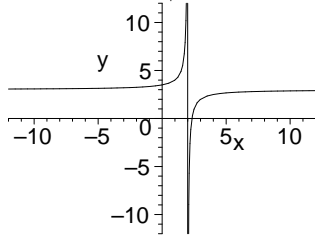
$$10. f(x) = -7 \frac{1}{4x+3} - 2$$



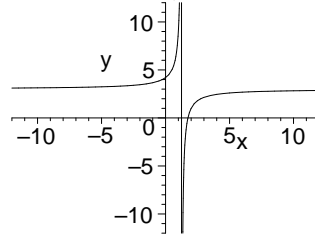
$$15. f(x) = 2 \frac{1}{7x-3} + 1$$



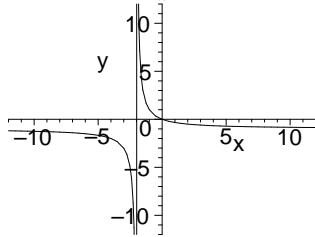
$$11. f(x) = 2 \frac{1}{-2x+4} + 3$$



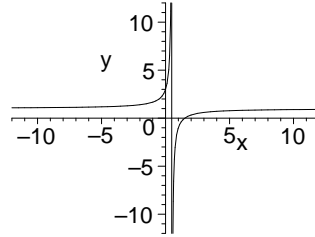
$$16. f(x) = 6 \frac{1}{-4x+5} + 3$$



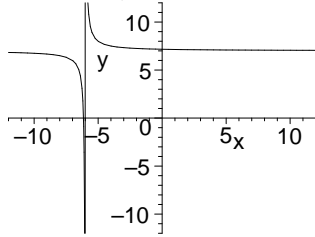
$$12. f(x) = -2 \frac{1}{-x-2} - 1$$



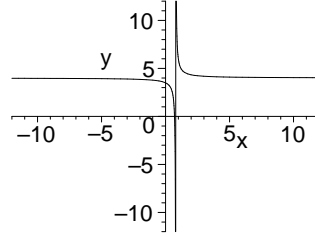
$$17. f(x) = -4 \frac{1}{4x-2} + 1$$



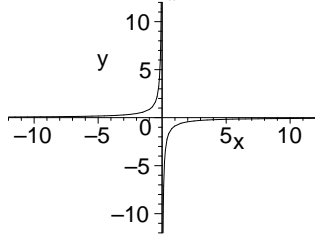
$$13. f(x) = \frac{1}{x+6} + 7$$



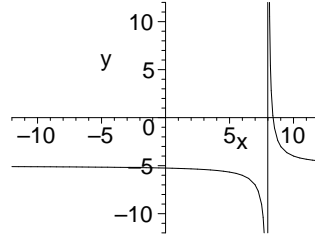
$$18. f(x) = -2 \frac{1}{-5x+4} + 4$$



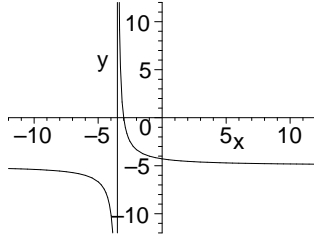
$$14. f(x) = -6/7 \frac{1}{x}$$



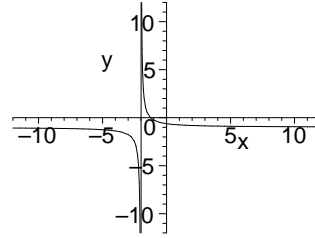
$$19. f(x) = 2 \frac{1}{x-8} - 5$$



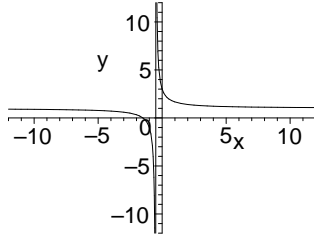
$$20. f(x) = -5 \frac{1}{-2x-7} - 5$$



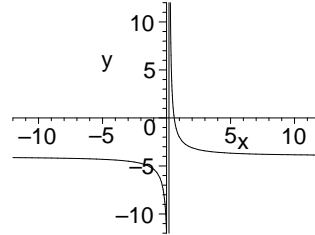
$$25. f(x) = -3 \frac{1}{-4x-8} - 1$$



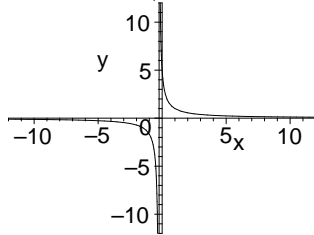
$$21. f(x) = -6 \frac{1}{-6x-3} + 1$$



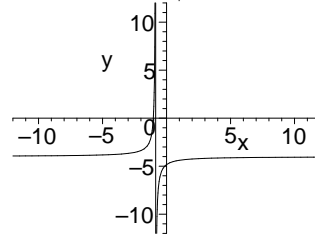
$$26. f(x) = 8 \frac{1}{5x-1} - 4$$



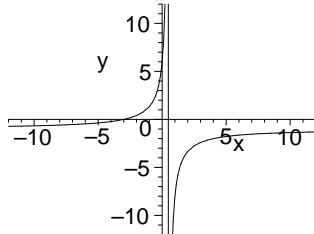
$$22. f(x) = 5 \frac{1}{4x+1}$$



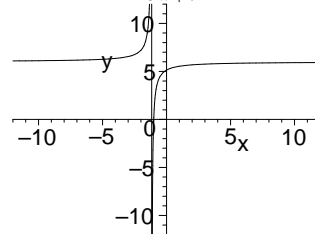
$$27. f(x) = -5 \frac{1}{7x+6} - 4$$



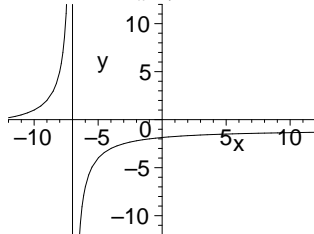
$$23. f(x) = -7 \frac{1}{2x-1} - 1$$



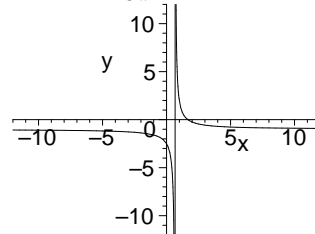
$$28. f(x) = -6 \frac{1}{6x+7} + 6$$



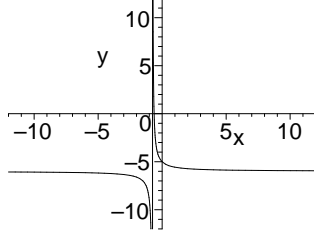
$$24. f(x) = 6 \frac{1}{-x-7} - 1$$



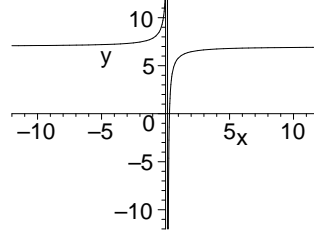
$$29. f(x) = 3 \frac{1}{3x-2} - 1$$



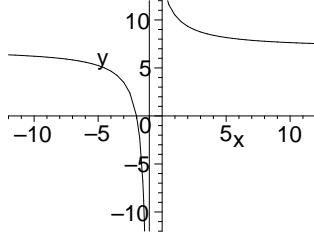
$$30. f(x) = 3 \frac{1}{4x+3} - 6$$



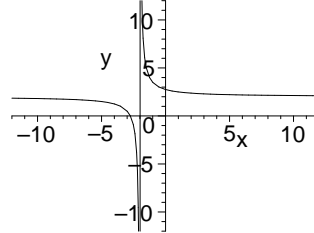
$$35. f(x) = -6 \frac{1}{6x-1} + 7$$



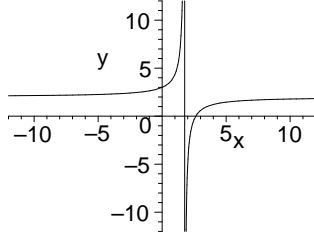
$$31. f(x) = -7 \frac{1}{x-1} + 7$$



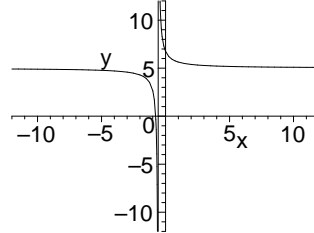
$$36. f(x) = 3 \frac{1}{2x+4} + 2$$



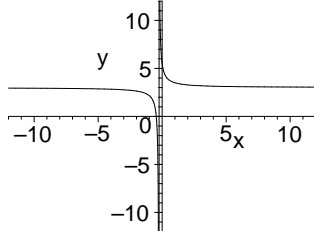
$$32. f(x) = -7 \frac{1}{4x-7} + 2$$



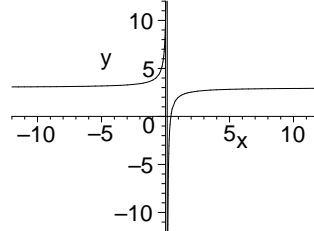
$$37. f(x) = -7 \frac{1}{-7x-4} + 5$$



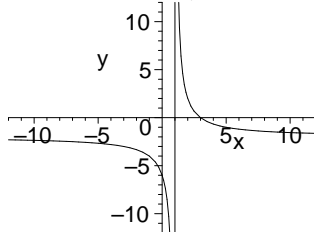
$$33. f(x) = -5 \frac{1}{8x-2} + 3$$



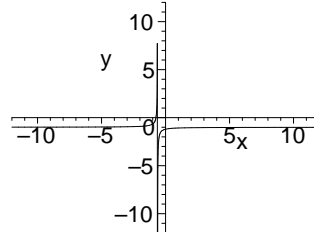
$$38. f(x) = -7 \frac{1}{8x-1} + 3$$



$$34. f(x) = -8 \frac{1}{-2x+2} - 2$$



$$39. f(x) = \frac{1}{-8x-5} - 1$$



40.  $f(x) = 8 \frac{1}{x-4} - 2$

