

FIND THE DOMAIN OF EACH FUNCTION.

1. $f(x) = 3x^3 + 2x$

2. $f(x) = \frac{x^2 - 4}{x^2 + 8x + 15}$

3. $f(x) = |x - 3| + 7$

4. $f(x) = \sqrt{-2x + 10}$

5. $f(x) = \frac{6}{x^2 - 9x - 10}$

6. $f(x) = \sqrt{x^2 - 5x - 24}$

7. $f(x) = \frac{x - 1}{x^2 - 9}$?

8. $f(x) = \sqrt{x - 2}$

9. $f(x) = \frac{4 - x}{x^2 - x + 10}$

10. $f(x) = \sqrt[3]{x + 2} + 5$