

Domain of Function B

Determine the domain for each of the following.

1. $f(x) = -5x + 4$

9. $f(x) = \sqrt{3x-12}$

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

10. $f(x) = \sqrt{1-x}$

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

11. $f(x) = \frac{4}{\sqrt{x-9}}$

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

12. $f(x) = \frac{x}{\sqrt{x-4}}$

5. $f(x) = \frac{x}{x^2-16}$

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

6. $f(x) = \frac{2x}{x^2-4}$

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

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

15. $f(x) = \frac{\sqrt{3x+1}}{2x^2-5x-12}$

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

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