

Domain Worksheet

Determine the domain of the following functions.

1)  $y = \frac{x+2}{3x-2}$

2)  $y = x + \sqrt[3]{6}$

3)  $f(x) = \frac{\sqrt{x+4}}{x}$

4)  $g(x) = \frac{3}{x^2+5}$

5)  $y = \sqrt{3-x} + 5$

6)  $h(x) = \sqrt[3]{x+1}$

7)  $y = \frac{3}{x^2+12x}$

8)  $f(x) = \frac{1}{\sqrt{x^2-10x+21}}$

9)  $y = \frac{x+7}{|x-3|-5}$

10)  $y = \ln(x+5)$

11)  $y = \frac{1}{\log_2(x)}$

12)  $f(x) = \sin^{-1}\left(\frac{x}{3}\right)$