

Name \_\_\_\_\_ Date \_\_\_\_\_

State the domain. Use interval notation.

1)  $f(x) = x^2 - 8$

2)  $f(x) = \sqrt{x-3}$

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

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

5)  $h(x) = \frac{x^2 - 4}{x + 2}$

6)  $h(x) = \frac{2x + 1}{x^2 - 5x - 14}$

7)  $f(x) = \sqrt{25 - x^2}$

8)  $f(x) = \sqrt{x^2 - 5x - 14}$

9)  $g(x) = \frac{\sqrt{2-x}}{2x}$

10)  $g(x) = \frac{\sqrt{x+2} - 5}{x^2 - 4x - 5}$