

# DOMAIN OF FUNCTION

Name \_\_\_\_\_

Class \_\_\_\_\_

Date \_\_\_\_\_

## A N S W E R S

1a

1b

2a

2b

3a

3b

Find domain of the followings.

1. a.  $y = \frac{\lg x}{\sqrt{x^2 - 2x - 63}}$

b.  $y = \frac{\sqrt{x^2 - x}}{\log_5(x-1)}$

2. a.  $y = \sqrt{x^2 + 4x - 5} \cdot \lg(x+1)$

b.  $y = \sqrt{x^2 + 4x - 5} \cdot \lg(x+5)$

3. a.  $y = \sqrt{x^2 - 25} + \lg(42 + x - x^2)$

b.  $y = \sqrt{x^2 + x - 2} \cdot \log_3(9 - x^2)$

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