Domain of Logarithmic Functions · 1

Find the domain of $f(x) = \log_2(1 - x)$.

Domain of Logarithmic Functions · 2

Find the domain of $f(x) = \log(x + 5)$.

Domain of Logarithmic Functions · 3

Find the domain of $f(x) = 2\log(-x) - 2$.

Domain of Logarithmic Functions · 4

Find the domain of $f(x) = \log_5(2x - 2)$.

Domain of Logarithmic Functions · 5

Find the domain of $f(x) = \log(8 - x)$.

Domain of Logarithmic Functions · 6

Find the domain of f(x) = 3log_5(4x) + 8.

Domain of Logarithmic Functions · 7

Find the domain of $f(x) = \ln(-x - 8)$.

Domain of Logarithmic Functions · 8

Find the domain of $f(x) = \log(4x + 28)$.

Domain of Logarithmic Functions · 2

ANSWER

$x > -5$

Domain of Logarithmic Functions · 1

ANSWER

$x < 1$

Domain of Logarithmic Functions · 4

ANSWER

$x > 1$

Domain of Logarithmic Functions · 3

ANSWER

$x < 0$

Domain of Logarithmic Functions · 6

ANSWER

$x > 0$

Domain of Logarithmic Functions · 5

ANSWER

$x < 8$

Domain of Logarithmic Functions · 8

ANSWER

$x > -7$

Domain of Logarithmic Functions · 7

ANSWER

$x < -8$

Find the domain of $f(x) = \ln(-3x - 21)$.

Find the domain of $f(x) = \log_4(2x + 6)$.

Find the domain of f(x) = 4log_4(45 - 5x) - 1.

Find the domain of $f(x) = \ln(3x - 21)$.

Find the domain of $f(x) = \log_7(8 - 2x)$.

Find the domain of f(x) = 3log_3(5x + 40) - 2.

Find the domain of $f(x) = \log_2(16 - 4x)$.

Find the domain of $f(x) = \log_7(4x - 8)$.

Domain of Logarithmic Functions · 10

ANSWER

$x > -3$

Domain of Logarithmic Functions · 9

ANSWER

$x < -7$

Domain of Logarithmic Functions · 12

ANSWER

$x > 7$

Domain of Logarithmic Functions · 11

ANSWER

$x < 9$

Domain of Logarithmic Functions · 14

ANSWER

$x > -8$

Domain of Logarithmic Functions · 13

ANSWER

$x < 4$

Domain of Logarithmic Functions · 16

ANSWER

$x > 2$

Domain of Logarithmic Functions · 15

ANSWER

$x < 4$

Find the domain of $f(x) = \log_4(x - 8)$.

Find the domain of $f(x) = \ln(2x + 9)$.

Find the domain of f(x) = 2log_2(5x - 30) - 5.

Find the domain of $f(x) = \log(-2x - 5)$.

Find the domain of $f(x) = \log_3(2x - 16)$.

Find the domain of f(x) = 2log_4(2x + 5) + 3.

Find the domain of $f(x) = \log_2(2x - 4)$.

Find the domain of $f(x) = \log(-3x - 2)$.

Domain of Logarithmic Functions · 18

ANSWER

$$x > -\frac{9}{2}$$

Domain of Logarithmic Functions · 17

ANSWER

$$x > 8$$

Domain of Logarithmic Functions · 20

ANSWER

$$x < -\frac{5}{2}$$

Domain of Logarithmic Functions · 19

ANSWER

$$x > 6$$

Domain of Logarithmic Functions · 22

ANSWER

$$x > -\frac{5}{2}$$

Domain of Logarithmic Functions · 21

ANSWER

$$x > 8$$

Domain of Logarithmic Functions · 24

ANSWER

$$x < -\frac{2}{3}$$

Domain of Logarithmic Functions · 23

ANSWER

$$x > 2$$