



Logarithms - Solve Log Equation (Fraction Value)

1 Solve the following logarithm $\log_5 \frac{1}{25} = x$	A $x = -2$	B $x = -8$	2 Solve the following logarithm $\log_{10} \frac{1}{100} = x$	A $x = -2$	B $x = -1$
	C $x = -1$	D $x = 0$		C $x = -5$	D $x = -9$
	E $x = -4$	F $x = -9$		E $x = -10$	F $x = -7$
3 Solve the following logarithm $\log_4 \frac{1}{64} = x$	A $x = -11$	B $x = 3$	4 Solve the following logarithm $\log_3 \frac{1}{9} = x$	A $x = -7$	B $x = -6$
	C $x = -3$	D $x = 6$		C $x = -2$	D $x = -12$
	E $x = 4$	F $x = 1$		E $x = 7$	F $x = 5$
5 Solve the following logarithm $\log_{10} \frac{1}{100,000} = x$	A $x = -11$	B $x = 2$	6 Solve the following logarithm $\log_6 \frac{1}{36} = x$	A $x = -3$	B $x = -2$
	C $x = -5$	D $x = 1$		C $x = -5$	D $x = -1$
	E $x = -3$	F $x = -15$		E $x = 7$	F $x = 1$
7 Solve the following logarithm $\log_7 \frac{1}{49} = x$	A $x = 3$	B $x = -5$	8 Solve the following logarithm $\log_4 \frac{1}{16} = x$	A $x = -5$	B $x = -12$
	C $x = 7$	D $x = -2$		C $x = -2$	D $x = -10$
	E $x = 1$	F $x = -1$		E $x = -6$	F $x = -11$