Solve: $5(5)^x = 175$

Solve: $4^{x+1} = 24$

Solve: $e^{-x} = 0.5$

Solve: $\log_2(x) + \log_2(x - 7) = 3$

Solve: $3e^{3x} - 3 = 18$

Solve: $\ln(4x + 5) = 1$

Solve: $\log_3(x) + \log_3(x - 6) = 3$

Solve: $2e^{x/2} + 4 = 20$

Solving Exponential & Log Equations with Logarithms · 2

ANSWER

$x = 1.29$

Solving Exponential & Log Equations with Logarithms · 1

ANSWER

$x = 2.21$

Solving Exponential & Log Equations with Logarithms · 4

ANSWER

$x = 8$

Solving Exponential & Log Equations with Logarithms · 3

ANSWER

$x = 0.69$

Solving Exponential & Log Equations with Logarithms · 6

ANSWER

$x = -0.57$

Solving Exponential & Log Equations with Logarithms · 5

ANSWER

$x = 0.65$

Solving Exponential & Log Equations with Logarithms · 8

ANSWER

$x = 4.16$

Solving Exponential & Log Equations with Logarithms · 7

ANSWER

$x = 9$

Solve: $5(5)^{x} = 210$

Solve: $5^{x+3} = 198$

Solve: $e^{4x} = 3$

Solve: $\log_2(x) + \log_2(x - 6) = 4$

Solve: $6e^{3x} - 5 = 127$

Solve: $\ln(3x + 3) = 1$

Solve: $\log_3(x) + \log_3(x - 8) = 2$

Solve: $4e^{2x} + 7 = 75$

Solving Exponential & Log Equations with Logarithms · 10

ANSWER

$x = 0.29$

Solving Exponential & Log Equations with Logarithms · 9

ANSWER

$x = 2.32$

Solving Exponential & Log Equations with Logarithms · 12

ANSWER

$x = 8$

Solving Exponential & Log Equations with Logarithms · 11

ANSWER

$x = 0.27$

Solving Exponential & Log Equations with Logarithms · 14

ANSWER

$x = -0.09$

Solving Exponential & Log Equations with Logarithms · 13

ANSWER

$x = 1.03$

Solving Exponential & Log Equations with Logarithms · 16

ANSWER

$x = 1.42$

Solving Exponential & Log Equations with Logarithms · 15

ANSWER

$x = 9$

Solve: $9(2)^x = 207$

Solve: $4^{x+2} = 252$

Solve: $3e^x + 7 = 85$

Solve: $\ln(4x + 2) = 3$

Solve: $\log_2(x) + \log_2(x - 4) = 5$

Solve: $4e^{2x} + 4 = 76$

Solve: $9(5)^x = 117$

Solve: $5^{x+2} = 298$

Solving Exponential & Log Equations with Logarithms · 18

ANSWER

$x = 1.99$

Solving Exponential & Log Equations with Logarithms · 17

ANSWER

$x = 4.52$

Solving Exponential & Log Equations with Logarithms · 20

ANSWER

$x = 4.52$

Solving Exponential & Log Equations with Logarithms · 19

ANSWER

$x = 3.26$

Solving Exponential & Log Equations with Logarithms · 22

ANSWER

$x = 1.45$

Solving Exponential & Log Equations with Logarithms · 21

ANSWER

$x = 8$

Solving Exponential & Log Equations with Logarithms · 24

ANSWER

$x = 1.54$

Solving Exponential & Log Equations with Logarithms · 23

ANSWER

$x = 1.59$