

Natural Logs

Date _____ Period _____

Solve each equation. Round your answers to the nearest ten-thousandth.

1) $-2\ln(x - 7) = 4$

A) $\{7.1353\}$

B) $\{3.1353\}$

C) $\{22.0855\}$

D) $\{0.0169\}$

2) $9\ln -4r = -9$

A) $\{-0.092\}$

B) $\{60.5982\}$

C) $\{-3.3476\}$

D) $\{0.0613\}$

3) $\ln -6n - 1 = 3$

A) $\{16.0855\}$

B) $\{-0.8647\}$

C) $\{0.092\}$

D) $\{-9.0997\}$

4) $4 + \ln -3n = 8$

A) $\{6\}$

B) $\{0.0677\}$

C) $\{-18.1994\}$

D) $\{2.8694\}$

5) $\ln -7x - 10 = -9$

A) $\{-2.6109\}$

B) $\{1.3591\}$

C) $\{-0.3883\}$

D) $\{-0.0135\}$