

Worksheet 2

Name _____
MATH1100

April 3, 2020
NO CALCULATORS!!!!

1. $f(x) = -\log_2(x + 2) + 3$

a) Find domain.

b) Find x & y-int

c) Sketch. Label any asymptotes and reference point.

2. Solve for x.

a) $6^{x-3} = 36$

b) $\ln(2x - 1) = 5$

c) $3e^{x+1} + 2 = 11$

d) $2\log_4 x = \log_4(2x) + \log_4(x - 1)$

e) $e^{2x} - 3e^x + 2 = 0$