



Math Preparation Course / *Mathe-Vorbereitungskurs*
Sheet 3 / *Blatt 3*

1) Sketch the following functions:

(a) $f(x) = 3x - 1$

(b) $f(x) = \cos(x + \pi)$

(c) $f(x) = x^4 - 2$

2) Simplify:

(a) $\ln(e^4)$

(b) $e^{5 \ln(7)}$

(c) $\ln((e^3)^2)$