

①

Practice Algebra test 1

Q1.

Mahobe

(1) simplify: $\frac{x^2 - 6x + 5}{x - 1} =$

(2) simplify fully: $(27x^{12})^{1/3}$

(3) write as the log of a single number $\log 12 - \log 4$

(4) Solve the following equations:

(a) $\frac{2x - 1}{7} = \frac{3(1 - 2x)}{2}$

(b) $\log_x 44 = 5$

(c) $3x^2 - x = 4$