

## Korrektur Bonustest 2

①  $\ln 3$

$$\pi \int_0^{\ln 3} [(3e^{-x})^2 - 1^2] dx = \dots$$

②

$$2\pi \int_1^9 x [x+2 - 2x+2] dx = \dots$$

③

$$0 = 2\pi \int_a^b y \cdot \sqrt{1 + (y')^2} dx$$







