



Numbers of bacteria versus time

$$t = 0, 1, 15$$

$$A(t) = 50 \exp(0.122 t)$$

$$A(t) =$$

50
56.488
63.817
72.098
81.453
92.022
103.962
117.451
132.691
149.908
169.359
191.334
216.161
244.209
275.896
311.694

$$B(t) = 150 \exp(0.122 t)$$

$$B(t) =$$

150
169.461
191.452
216.293
244.358
276.065
311.885
352.354
398.073
449.725
508.078
574.003
648.483
732.626
827.687
935.083