Chapter 1.4: More Logarithm Exercises
Calculus I
College of the Atlantic. Fall 2014

1. Let the amount of air pollution in a room be given by

$$P(t) = 52000(0.8)^t .$$ (1)

   At what time t is the amount of air pollution equal to $10,000$?

2. Write $f(t) = 100(2^t)$ in the form $P_0 e^{kt}$.

3. Solve for z:

$$2^{3z} = 20 .$$ (2)