Write the new function for each translation of the parent function $y = 4(\frac{2}{3})^x$

8. 6 units down

9. 5 units left

10. 4 units right and 3 units up.

11. Evaluate each expression to 4 decimal places:

a) $e^4$ b) $e^{\frac{2}{3}}$ c) $e^{-3}$

12. Suppose you open an account with $15000, at 1.3% interest, compounded continuously.

a) How much is in the account after 3 years?

b) How much is in the account after 20 years?