

Abstract

Studies had been inconclusive regarding the length of incubation on the effectiveness of incubation. This is possibly due to the effect of inconsistency across studies in terms of procedures and materials. This study aimed at examining this effect using same procedures and material across different time periods of incubation. Also, the effect of sex of both participants and experimenters was examined here. Forty-two participants were involved in the experiment; each was given twelve anagrams to solve. Mathematics problems were given as a task during the incubation period. Length of incubation was varied across different conditions. Time for solving the anagrams and the number of anagrams solved was recorded. A significant effect for word frequency was found. However, no significant effects were found for length of incubation, sex of participant, or the interaction between sex of participant and experimenter. Future studies may consider using computer programs to increase sample size collected.