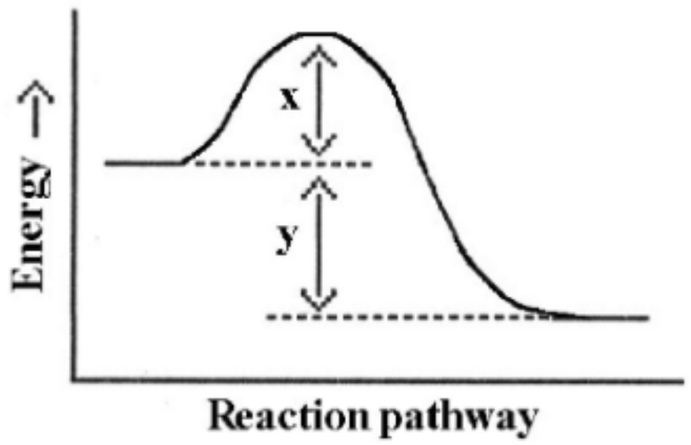
Surname: _____; Given name: _____; Student number: _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question. Transfer your answers to the scantron sheet.

1) Which energy difference in the energy profile below corresponds to the activation energy for the forward reaction? 1) _____



A) x B) y C) x + y D) x – y E) y – x

2) Express the equilibrium constant for the following reaction: 2) _____

$$2Na(s) + 2H_2O(l) = 2NaOH(aq) + H_2(g)$$