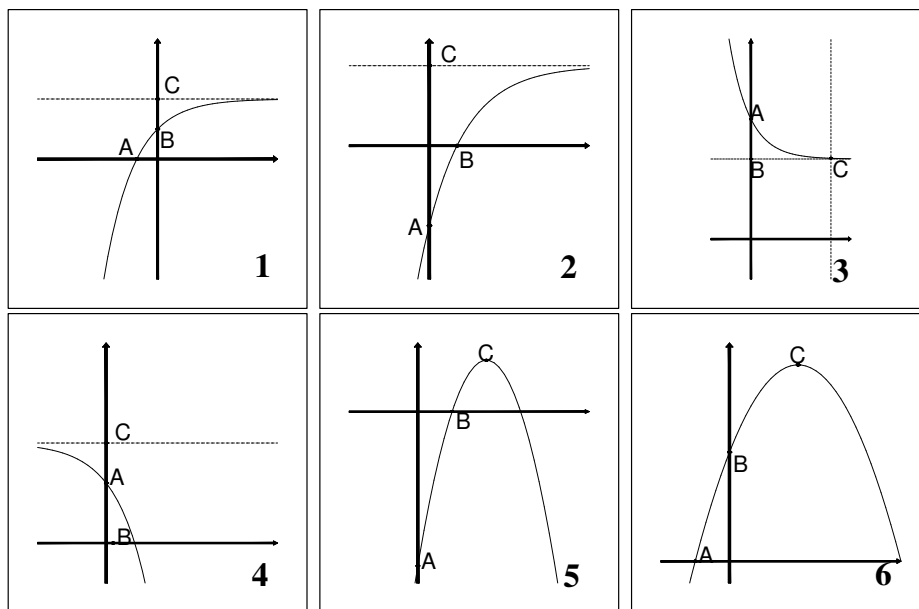


1 The numbered graphs show parts of graphs of various functions. Fill each blank with the graph number best corresponding to the function. Fill in the adjacent blanks with the coordinates of the points **A**, **B**, and **C**. These are algebraic coordinates – no decimal points allowed.



(a) _____ $y = 4 + 2e^{-x}$ $A =$ _____ $B =$ _____ $C =$ _____

(b) _____ $y = -x^2 + 4x + 5$ $A =$ _____ $B =$ _____ $C =$ _____

(c) _____ $y = 5 - 2 \cdot 3^x$ $A =$ _____ $B =$ _____ $C =$ _____

(d) _____ $y = 2 - e^{-x}$ $A =$ _____ $B =$ _____ $C =$ _____

(e) _____ $y = -3x^2 + 12x - 9$ $A =$ _____ $B =$ _____ $C =$ _____

(f) _____ $y = 3 - 6e^{-x}$ $A =$ _____ $B =$ _____ $C =$ _____