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/m143.sp06/handouts143/GraphMatch430/GraphMatch501

1 These are alleged answers. For each error herein, you get extra-credit points for being the first to report it by e-mail.

(a) **3**     $y = 4 + 2e^{-x}$      $A = (0, 6)$      $B = (0, 4)$      $C = (4, 4 + 2/e^4)$

(b) **6**     $y = -x^2 + 4x + 5$      $A = (-1, 0)$      $B = (0, 5)$      $C = (2, 9)$

(c) **4**     $y = 5 - 2 \cdot 3^x$      $A = (0, 3)$      $B = (\log_3(5/2), 0)$      $C = (0, 5)$

(d) **1**     $y = 2 - e^{-x}$      $A = (\ln(1/2), 0)$      $B = (0, 1)$      $C = (0, 2)$

(e) **5**     $y = -3x^2 + 12x - 9$      $A = (0, -9)$      $B = (1, 0)$      $C = (2, 3)$

(f) **2**     $y = 3 - 6e^{-x}$      $A = (0, -3)$      $B = (\ln(2), 0)$      $C = (0, 3)$