Extra Practice 5

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| Lesson 4.5: Using Graphs to Estimate Values  **1.** This graph represents a linear relation.  **a)** Determine the value of *x* for each value of *y*.  **i)** *y* = 1 **ii)** *y* = 3 **iii)** *y* = 0  **b)** Determine the value of *y* for each value of *x*.  **i)** *x* = 2  **ii)** *x* = 8 u04_m24-t01  **iii)** *x* = –6    **2.** This graph represents a linear relation.  **a)** Determine the value of *x* for each value of *y*.  **i)** *y* = 3 **ii)** *y* = –2  u04_m24-t02  **iii)** *y* = 7  **b)** Determine the value of *y* for each value of *x*.  **i)** *x* = 0 **ii)** *x* = –2  **iii)** *x* = –4  **3.** This graph represents a linear relation.  **a)** Determine the value of *x* for each value of *y*.  **i)** *y* = 2 **ii)** *y* = 0  u04_m24-t03**iii)** *y* = 5  **b)** Determine the value of *y* for each value of *x*.  **i)** *x* = 0 **ii)** *x* = 3  **iii)** *x* = –5  **4.** The graph shows how the cost of a long distance  call changes with the time for the call.  **a)** Estimate the cost of a 7-min call.  Is this interpolation or extrapolation? Explain.  u04_m24-t04    **b)** The cost of a call was $1.00.  Estimate the time for the call.    **c)** The cost of a call was $1.50.  Estimate the time for the call. |