Extra Practice 5

|  |
| --- |
| 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* = 0u04_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. |