Extra Practice 5 – Master 4.24

Lesson 4.5

**1. a) i)** *x* = 0 **ii)** *x* = 4

**iii)** *x* = –2

**b) i)** *y* = 2 **ii)** *y* = 5

**iii)** *y* = –2

**2. a) i)** *x* = 1 **ii)** *x* = –1.5

**iii)** *x* = 3

**b) i)** *y* = 1 **ii)** *y* = –3

**iii)** *y* = –7

**3.** **a)** **i)** *x* = 1 **ii)** *x* = –1

**iii)** *x* = 4

**b) i)** *y* = 1 **ii)** *y* = 4

**iii)** *y* = –4

**4.** **a)** Approximately $0.56. This is interpolation because I am reading a data point that lies between the plotted points.

**b)** Approximately 13 min

**c)** Approximately 22 min