**Page 72**

**36).**

**a.**

****

**b.**

****

**c.**

****

**Page 76**

**8).**

****

** **

****

**14).**

**a).**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Length in ¼ miles | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Costs in dollars | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 | 4.5 | 4.9 | 5.3 | 5.7 |

**b). **

**c). 7/4 mile**

**d).**

**16).**

**a).**

****

**b).**

**Domain: **

**Range: **

**c). Graph:**

**18).**

**a). $1.01**

**b).**

****

**c).**

****

**d). Graph:**

**Hw 02 Due 02/19/14 or 02/26/14**

Group of problems starting on page 66: # 10, 30, 34, 36.

Group of problems starting on Page 72: # 22, 28, 36.

In # 22, formula function is 

Group of problems starting on Page 76: # 8, 14, 16, 18

In # 14 consider that if you get in the taxi and do not travel any distance, you would be charged $0. This question is similar to Example 4 from my notes, Lesson 2.3 (posted.)

Notice that #18 has parts (a), (b), (c), and (d).