**Physics 30 – Lesson 12**

**Diffraction Gratings**

/49

**Practice problems**

1)

/4

2)

/4

**Assignment**

1)

/5

2)

/4

3)

/4

4)

/4

5)

/3

6)

/6

7)

Note that x is quite large compared to L. From the geometry we can calculate .



3.00 mm

1.20 mm

/5

8)

/5

9)

/4

10)

/3

11)

/3

12

/3