1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Please circle one:

Yes No

Justification: \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LT #1: Relations & Functions**

Use the following relation for questions 1 and 2: {(3,5),(7,14),(2,4),(3,6)}

1. What is the range of the relation above? (1 Point)
2. Is the relation a function? Justify your answer in sentence form. (2 Points)
3. Given  , find  . Show all work for credit. (1 Point)

 /4

Algebra 2 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ch. 2 Learning Target Quiz #1 & #2 Per \_\_\_\_\_

**LT #1: Relations & Functions**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Please circle one:

Yes No

Justification:\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the following relation for questions 1 and 2: {(3,5),(7,14),(2,4),(3,6)}

1. What is the range of the relation above? (1 Point)
2. Is the relation a function? Justify your answer in sentence form. (2 Points)
3. Given  , find  . Show all work for credit. (1 Point)

 /4

**LT #2: Direct Variation**

4. Please circle one:

 Yes No

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Is the equation xy=2 is an example of direct variation? (1 pt)
2. If y varies directly as x, and y= -2 when x=1, find y if x= 5.
 Show all work for full credit. (3 Points)

 /4

**LT #2: Direct Variation**

4. Please circle one:

 Yes No

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Is the equation xy=2 is an example of direct variation? (1 point)
2. If y varies directly as x, and y= -2 when x=1, find y if x= 5.
 Show all work for full credit. (3 Points)

 /4