**Introduction to Multiple Right Triangles – page 338**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: **December 5, 2016**

***Solve for Distances in Multiple Triangles – page 340***

Insert angle and side values as shown in your textbook in the diagram below.

 Tower 1 Tower 2

**D**

**C**

**B**

**A**

**Y**

**X**

**Deck**

**SOLUTION:**

**For each of the following questions provided the diagrams, formula used and values to determine the missing side measurements and/or angle measurements ON OWN PAPER.**

**Page 342 – TRY IT - #1, 2, 3, 4, 5, and 6**

**Page 346 - #1, 2, 3**

**Page 348 – Solve for Distances and Angles in Multiple Triangles**

***REVIEW INFO ABOUT RIGHT TRIANGLES:***

1.

2.

3.

4.

**Example page 348: Angle of elevation - Angle of inclination**

**Page 350 - #1 and #2**

#1 a) b)

 c) d)

#2 a) b) c)