Formal Geometry Assignments 2023-24		
Chapter 4: CONGRUENT TRIANGLES		
Day	Date	Assignment (Due the next class meeting)
Tuesday Wednesday	10/24/23 (A) 10/25/23 (B)	 <u>Chapter 2 Part II Test</u> 4.1 pg. 286 - 290 #18 - 22 even, 24 - 31, 36 - 38, 47, 50, 53, 55 4.1 Extra Problems #1 - 3
Thursday	10/26/23 (A)	 4.2 pg. 295 - 299 #13 - 16, 18 - 20, 28, 37, 39, 44, 45, 47 4.2 Extra Problems #1 - 5
Nevada Day 10/27/23		
Monday	10/30/23 (B)	 4.2 pg. 295 - 299 #13 - 16, 18 - 20, 28, 37, 39, 44, 45, 47 4.2 Extra Problems #1 - 5
Tuesday	10/31/23 (A)	• 4.3 pg. 305 – 308 #9 – 11, 16 – 19, 31, 38
Wednesday	11/01/23 (B)	• 4.3 Extra Problems #1 – 5
Thursday	11/02/23 (A)	• 4.4 Worksheet
Friday	11/03/23 (B)	• 4.5 Worksheet
Monday Tuesday	11/06/23 (A) 11/07/23 (B)	Congruent Triangles Quiz 4.6 pg. 330 – 333 #19 – 22, 29 – 32, 38, 49, 53 4.6 Extra Problems #1 – 9
Wednesday	11/09/23 (A)	• 4.7 Worksheet
Thursday	11/10/23 (B)	Chapter 4 Review Worksheet
Veteran's Day 11/10/23		
Monday	11/13/23 (A)	Study
Tuesday	11/14/23 (B)	
Wednesday Thursday	11/15/23 (A) 11/16/23 (B)	<u>Chapter 4 Test</u>

- Each problem will be worth 1 point unless specified.
- Corrections are expected to be done to earn back points missed for each assignment.

• All assignments must be complete the day that they are due to receive full credit.

- Every problem must be attempted with the picture drawn and work shown.
- Proofs must be attempted to at least 2 steps, with diagram drawn and set-up shown.

Need extra help? Try www.khanacademy.org or see your teacher for help.

Online Textbook Login Information:

- 1. From the school: Sign into a district computer with your student ID# and password.
 - Go to <u>www.washoeschools.net</u>
 - Click on Student and Parent
 - Click on McGraw Hill
 - Click on Sign In
- 2. If at home: Go to <u>www.washoeschools.net</u>
 - Click on Student and Parent
 - Click on McGraw Hill
 - Click on Sign In sign in using Washoe\studentID#, and then your school password. (Note: use a back slash not a forward slash.)

4.1 Extra Problems



4.2 Extra Problems (Do #1 – 5... continued on next page!)





4.3 Extra Problems



4.6 Extra Problems: Do #1 – 9...Continued on the next page.





Answers for selected Extra Problems:

4.1 1) 127 degrees 2) D 3) B

4.2 1) 118° 2) scalene (find each distance or side length) **Most Efficient Proofs:** 4) 3 steps 5) 3 steps

4.3 Most Efficient Proofs: 1) 3 steps 2) 3 steps 3) 5 steps 4) 6 steps 5) 4 steps

4.6 1) 84 2) can be done in 3 steps 3) 30 4) $x = 25^{\circ}$, and $y = 75^{\circ}$ **Most Efficient Proofs:** 5) 4 steps 8) 6 steps 9) 5 steps