Formal Geometry Assignments 2022

Ch 3: Relationships in Triangles and Transformations

|  |  |  |
| --- | --- | --- |
| **Day** | **Date** | **Assignment** (Due the next class meeting) |
| WednesdayThursday | 9/21/229/22/22 | **Ch 2 Test**3.1 p.226-229 # 18 – 26 even, 36 – 38, 50, 52, 58**3.1 Extra Problems**\*\*\*Read pages 240 – 241 and 249 – 251 in your textbook.\*\*\* |
| TuesdayWednesday | 9/27/229/28/22 | 3.2 p.235-238 #14 – 18 even, 21, 23, 24, 30, 37, 38, 403.3 p.243-246 #14 – 18, 20, 24, 26, 27, 39, 40, 41, 44 |
| **Fall Break 10/2/22 – 10/7/22** |
| MondayTuesday | 10/10/2210/11/21 | 2.8 To be announced |

***\*All Book Assignment answers can be found on the website:***

[**www.washoeschools.net/drhsmath**](http://www.washoeschools.net/drhsmath)

**\*Each problem will be worth 1 point unless otherwise specified.**

**\*All assignments must be complete the day that they are due to receive full credit, this means:**

 \*Every problem must be attempted with the picture drawn and work shown.

 \* None of the proofs can be left blank

**\*Corrections are expected to be done to earn back points missed for each assignment.**

**\*Need Help? Try** [www.khanacademy.org](http://www.khanacademy.org)

* **Students with no late or missing assignments for the entire semester w**ill be rewarded with a pizza party
* Students with 100% assignment completion at the end of the semester will receive a 2% grade increase.



**3.1 Extra Problems**

|  |
| --- |
|  |
| 2) 2. |
| 3) A, B and C are collinear with B between A and C. Find the length of BC if $AB=-x^{2}-8x+60, AC=3x^{2}, BC=-12x-4$  |
| 4)  |
| 5) Given: $∠A is supp to ∠C.$ $∠C is comp to ∠B.$ $∠A=(3x+12y)°$ $∠B=(8x-3y)°$ $∠C=(9x+2y-4)°$ Find: $m∠C.$  |

Answers:

**1) B 2) B 3) 80 4) D 5)** 66°