Honors NC Math 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Unit 7 – Similarity & Right Triangle Trigonometry**  | **Homework** |
| 12/18Wednesday | How do we determine when polygons are similar? (6.3) |  |
| 12/19Thursday | ​What combinations of side or angle measures are sufficient to determine that two triangles are similar? (SSS, SAS, AA) |  |
| 12/20Friday | Math II Final Exam Review Day (Released Test)**Happy Holidays!** |  |
| 1/6Monday | How do we utilize similar triangles to determine indirect measurements? (6.4) |  |
| 1/7Tuesday | How can you find the length of the altitude to the hypotenuse of a right triangle? (6.7)How do we review formal proofs on triangles? (Congruent & Similar) |  |
| 1/8Wednesday | Quiz Good Luck! ☺ |  |
| 1/9Thursday | What can we discover about the relationship in special right triangles? (5.5) pg. 53How can we apply special right triangle relationships to application problems? |  |
| 1/10Friday | How are the sine, cosine, and tangent functions defined?How can their values be estimated? (6.8) pg. 49 |  |
| 1/13Monday | How can trigonometric functions be used to calculate heights?(6.8) pg. 49​ |  |
| 1/14Tuesday | ​​How can we use trigonometric functions to determine the measure of an acute angle in a right triangle when the lengths of two sides are unknown?How do we find measurements using the angles of elevation and depression? (6.10) pg. 55 |  |
| 1/15Wednesday | Test Review |  |
| 1/16Thursday | **Unit 7 Exam!**Good Luck! ☺**HW: Final Exam Mixed Review Packet # 1** |  |