Geometry:

Chapter 7: Right Triangles and Trigonometry

7.1-7.7

|  |  |  |
| --- | --- | --- |
| **Lesson** | **Classwork** | **Extra Credit** |
| 7.1 (Apply the Pythagorean Theorem).* Watch video.
* 2 Days for classwork.
 | Pg 430 3-5, 8-16, 24-26, 31-32, 34 | Worksheet B |
| 7.2 (Use the Converse of the Pythagorean Theorem).* Watch video.
* 2 Days for classwork.
 | Pg 438 3-23, 36, 39Pg 441 1-9 | Worksheet B |
| Mini Quiz over 7.1-7.2* No review before quiz day.
 |  |  |
| 7.3 (Use Similar Right Triangles).* 1 day for video
* 2 days for classwork
 | Pg 447 3-10, 13-18, 21-26, 29-30  | Worksheet B |
| 7.4 (Special Right Triangles)* 1 day for video
* 2 days for classwork
 | Pg 455 3-5, 7-18, 23-25, 27-28, 31Pg 458 1-5 | Worksheet B |
| Review for Quiz | Pg EP14 1-33all. | Extra credit due tomorrow |
| Quiz over 7.1-7.4* More focus placed on 7.3-7.4.
 |  |  |
| 7.5 (Apply Tangent Ratio)* 1 day for video
* 2 days for classwork
 | Pg 463 3-11, 18-26, 31, 32 | Worksheet B |
| 7.6 (Apply Sine and Cosine Ratios)* 1 day for video
* 2 days for classwork
 | Pg 471 3-5, 7-15, 19-27, 33, 34, 36 | Worksheet B |
| 7.7 (Solve Right Triangles)* 1 day for video
* 2 days for classwork
 | Pg 479 3-5, 10-18, 21-28, 34, 38Pg 483 1-6 | Worksheet B |
| Review for Quiz | Pg EP15 34-48 all. | Extra credit due tomorrow |
| Quiz over 7.5-7.6 |  |  |
| Review for Test | Pg 488 4-33Pg 492 1-17 |  |
| Test over chapter 7 |  |  |