

Honor's Geometry
Chapter 7 : Right Triangles and Trigonometry

Day	Activity & Assignment	Notes
1	<p>7.2 Use the Converse of the Pythagorean Theorem</p> <p>Hw: pp 430 - 432 # 6, 7, 11, 18 - 20, 24, 29; pp 438 #6 - 21 ($\frac{1}{3}$) *all square root answers should be in simplest radical form*</p>	<p>FCA</p> <p>p432 #24, 29; p438 #15 - 21</p>
2	<p>7.2 Use the Converse of the Pythagorean Theorem</p> <p>Hw: p 432 # 25, 26, 27, 30; pp 438 # 16, 17, 33</p>	<p>FCA</p> <p>p432 #25, 26, 30; p 438 # 33</p> <p>Extra 7.2 Practice</p> <p>7.2 Conv of Pyth Thm WS</p>
3	<p>7.3 Use Similar Right Triangles</p> <p>Hw: pp 447 - 448 # 3, 4, 8 - 10, 13 - 15, 21 - 23</p>	<p>FCA</p> <p>p 447 #8 - 10, 13 -15</p>
4	<p>Quiz 7.1 - 7.2</p>	<p>Optional Quiz Review</p> <p>p 424 #5 - 8; p 488 #1 - 12</p> <p>Extra Sqare Root Practice</p> <p>7.1 Simp. Rads Review</p>
	<p>7.3 Use Similar Right Triangles</p> <p>Hw: Watch 7.3 Video to Complete 7.3 Notes</p>	
5	<p>7.3 Use Similar Right Triangles</p> <p>Hw: pp 447 - 448 # 11, 12, 16 - 20, 27</p>	<p>FCA</p> <p>p 447 #16 - 19</p>
6	<p>7.3 Use Similar Right Triangles</p> <p>Hw: 7.3 Practice B Worksheet #1 - 9, 13 - 19</p>	<p>FCA</p> <p>ALL</p>
7	<p>7.4 Special Right Triangles</p> <p>Hw: pp 455 - 457 # 3 - 9 (O), 13 - 25 (O), 26</p>	<p>FCA</p> <p>ALL</p>
8	<p>7.4 Special Right Triangles</p> <p>Hw: pp 455 - 458 # 4 - 10 (E), 14 - 20 (E), 24, 31, 34</p>	<p>FCA</p> <p>p 456 #16, 18, 20, 34</p>
9	<p>7.5 Apply the Tangent Ratio</p> <p>Hw: pp 463 - 465 # 1 - 13 (every other odd), 15 - 29 (O), 30</p>	<p>FCA</p> <p>p464 #5, 7, 17, 19</p>
10	<p>Quiz 7.3 - 7.4</p>	<p>Optional Quiz Review</p> <p>p 489 # 13 - 21</p>
	<p>7.5 Apply the Tangent Ratio</p> <p>Hw: pp 463 - 466 # 4 - 28 (every other even), 31, 37</p>	
		<p>FCA</p> <p>p 465 #31</p>

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11	<p align="center">7.6 Apply the Sine and Cosine Ratios</p> <p>Hw: pp 471 - 473 # 1 - 9 (every other odd), 11 - 21 (O), 30</p>	<p align="center">FCA p464 #5, 9, 11, 13, 15</p>
12	<p align="center">7.7 Solve Right Triangles</p> <p>Hw: pp 479 - 481 # 1 - 15 (O), 19 - 31 (O), 34, 38</p>	<p align="center">FCA p 480 - 482 # 11-15(O), 38</p>
13	<p align="center">7.7 Solve Right Triangles</p> <p>Hw: pp 479 - 481 # 4 - 14 (E), 20 - 30 (E)</p>	<p align="center">FCA p 480 #10 -14 (E)</p>
14	<p align="center">7.8 Law of Sines and Cosines</p> <p>Hw: p 485 # 1 - 7</p>	<p align="center">FCA # 1 - 6 Extra 7.8 Practice</p>
15	<p align="center">7.8 Law of Sines and Cosines</p> <p>Hw: Law of Sines and Cosines Worksheet ($\frac{1}{3}$)</p>	<p align="center">FCA ALL</p>
16	<p align="center">7.8 Law of Sines and Cosines</p> <p>Hw: The Ambiguous Case Worksheet</p>	<p align="center">FCA ALL</p>
17	<p align="center">7.8 Law of Sines and Cosines</p> <p>Hw: p 492 Chapter Test #1 - 15, 17</p>	
18	<p align="center">Quiz 7.5 - 7.8 Ch 7 Review</p>	<p align="center">Optional Quiz Review p 490 # 22 - 33</p>
19	<p align="center">Chapter 7 Notebook Quiz Ch 7 Review</p>	
20	<p align="center">Chapter 7 Test</p>	

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