Precalculus Assignments Chapter 4.7 - 4.8

See all state frameworks online at: <https://bit.ly/2bmrqQx>

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| Day 1 | Section 4.7 Objectives: *Students will identify and graph, with and without appropriate technology, the inverse trigonometric functions including the restrictions on the domain.*  - Memorize the domains and ranges of the inverse trig functions **before** you start to work the problems in this section.  - Worksheet 4.7 #1 (Solutions at: <http://bit.ly/1VJrSTa>) - Sketch the graphs of the inverse sine, inverse cosine, and inverse tangent functions.  (Solutions at: <http://bit.ly/1OpNeGb>). Label and scale the horizontal and vertical axes on each graph.  - Fill out the Chart of Ranges of Inverse Trig Functions. (Solutions at: <http://bit.ly/1jfOejh>) - Worksheet 4.7 #2 (Solutions at: <http://bit.ly/1LbrwzM>) |
| Day 2 | - Page 324 Vocabulary Check 1-4.  - Pages 324-325: #5-17 odd, 21-29 odd, 39-49 odd, 51-57 odd, 63-69 odd.  (Odd Solutions: <https://bit.ly/2ISY0WA>) (Instructional Videos: <https://bit.ly/2CDhr5s>) |
| Day 3 | - Learn how to use your graphing calculator to graph all six inverse trig functions.  - Learn how to evaluate problems like  and  using your graphing  calculator.  - 4.7 Calculator Worksheet  - Worksheet 4.7 #3 (Solutions at: <https://bit.ly/2IgcWhk>) |
| **Day 4** | **- Quiz 4.7 (Part Calculator, Part NO Calculator)**  Section 4.8 Objectives: *Students will solve real-life problems using right triangles, directional bearings, and by using angles of elevation and depression.*  - 4.8 Worksheet Questions #1-16 (Check Solutions at: <http://bit.ly/1P3YGHv>) |
| Day 5 | - Finish Worksheet 4.8 #17-23  - Review worksheet 4.7 and 4.8 (Check Solutions at: <http://bit.ly/2gepqMt>) |
| **Day 6** | **- Quiz 4.8 (Calculator allowed)**  - Review for Test 4.7-4.8 (Check Solutions at: <http://bit.ly/2xqfnYh>) |
| **Day 7** | **- Test 4.7-4.8 Part 1 (No calculator part)** and **Test 4.7-4.8 Part 2 (Calculator part)**  Factoring ReviewWorksheet |