Geometry B – Re-Work HW Assignments for Chapter 8

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| **8.1 Similarity in Right Triangles** | Re-Work Problems |
| Outcome 1: Given a right triangle with the altitude drawn from the right angle, I know that 3 similar triangles are formed and I can write a similarity statement representing that. | Pg. 521: 2 |
| Outcome 2: I can find the geometric mean of a pair of numbers, and use the geometric mean to find missing sides in right triangles. | Pg. 521: 8, 12 |

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| **8.2 Trigonometric Ratios** | Re-Work Problems |
| Outcome 1: I know how to write a trigonometric ratio as a fraction and a decimal and use the calculator to find it. | Pg. 529: 6, 14 |
| Outcome 2: I can create and solve a trigonometric ratio to find a missing length of a right triangle. | Pg. 529: 18, 19 |

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| **8.3 Solving Right Triangles** | Re-Work Problems |
| Outcome 1: I know how to use my calculator to find an angle measure with sin-1, cos-1, and tan-1. | Pg. 537: 8 |
| Outcome 2: I can solve a right triangle by finding the unknown angle measures and unknown side lengths. | Pg. 537: 14, 35 |

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| **8.4 Angles of Elevation and Depression** |  Re-Work Problems |
| Outcome 2: I can find distances in right triangles applying angles of elevation and/or angles of depression. | Pg. 547: 7, 8 |