Geometry B – Re-Work HW Assignments for Chapter 10

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| **10.1 Solid Geometry** | Re-Work Problems |
| Outcome 1: I can classify a 3-dimensional figure and name its vertices, edges, and bases. | Pg. 679: 2, 3 |
| Outcome 2: I know how to identify a 3-dimensional figure from a net, and I can draw the net of a 3-D figure. | Pg. 679: 5, 6 |
| Outcome 3: Given a 3-dimensional figure, I can describe the vertical and horizontal cross section. | Pg. 679: 7, 8, 9 |

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| **10.2 Representations of Three-Dimensional Figures** | Re-Work Problems |
| Outcome 1: I can draw all six orthographic views of a given object. | Pg. 679: 10 |
| Outcome 2: I know how to draw an isometric view of a given object. | Pg. 679: 11 |
| Outcome 3: Given an object, I can draw a one-point and two-point perspective. | Pg. 679: 12, 13 |

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| **10.4 Surface Area of Prisms and Cylinders** | Re-Work Problems |
| Outcome 1: I can find the lateral area and surface area of a right prism. | Pg. 725: 1 |
| Outcome 2: I can find the lateral area and surface area of a right cylinder. | Pg. 725: 2 |
| Outcome 3: I can find the surface area of composite three-dimensional figures. | Pg. 725: 3 |
| Outcome 4: I know how to describe the effect on the surface area when given a change on the dimensions of a given figure. | Pg. 725: 4 |

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| **10.6 Volume of Prisms and Cylinders** | Re-Work Problems |
| Outcome 1: I know how to find the volume of a prism. | Pg. 701: 4 |
| Outcome 2: I know how to find the volume of a cylinder. | Pg. 725: 9 |
| Outcome 3: I can find the volume of composite three-dimensional figures. | Pg. 701: 11 |
| Outcome 4: I know how to describe the effect on the volume when given a change on the dimensions of a given figure. | Pg. 725: 11 |

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| **10.5 Surface Area of Pyramids and Cones** | Re-Work Problems |
| Outcome 1: I can find the lateral area and surface area of a pyramid. | Pg. 725: 5 |
| Outcome 2: I can find the lateral area and surface area of a right cone. | Pg. 725: 6 |
| Outcome 3: I know how to find the surface area of composite three-dimensional figures. | Pg. 725: 7 |
| Outcome 4: I know how to describe the effect on the surface area when given a change on the dimensions of a given figure. | Pg. 694: 19, 20 |

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| **10.7 Volume of Pyramids and Cones** | Re-Work Problems |
| Outcome 1: I know how to find the volume of a pyramid. | Pg. 725: 13 |
| Outcome 2: I know how to find the volume of a cone. | Pg. 725: 12 |
| Outcome 3: I can find the volume of composite three-dimensional figures. | Pg. 725: 14 |
| Outcome 4: I can describe the effect on the volume when given a change on the dimensions of a given figure. | Pg. 709: 9, 10 |