**CHAPTER 8 PRACTICE TEST**

**Find the number of faces, edges, and vertices of the solid.**

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| **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.06.57 PM.png1.** | **2.**  **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.06.46 PM.png** |

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| **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.07.15 PM.png3. Draw the front, side, and top view of the solid.** |

**Find the surface area of the prism. For each problem, make a net. Label each part of the net with its dimensions and which part of the solid it represents. Show your work!**

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| **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.07.23 PM.png4.** | **5.**  **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.07.32 PM.png** |
| **6.**  **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-04-28 at 4.59.29 PM.png** | |

**Find the surface area of the pyramid. For each problem, make a net. Label each part of the net with its dimensions and which part of the solid it represents. Show your work! The side lengths of the base are equal.**

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| **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.08.12 PM.png7.** | **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.08.01 PM.png8.** |

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| **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.08.25 PM.png9. Find the volume of the prism.** |

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| **10.**  **Macintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.08.54 PM.pngMacintosh HD:Users:paulbrown:Desktop:untitled folder:Screen Shot 2018-03-10 at 5.08.47 PM.png** |

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| **11. A cellular phone is in the shape of a rectangular prism. The height of the phone is 6 millimeters, and the width is 50 millimeters. The volume is 22,500 cubic millimeters. What is the length of the cellular phone?** |

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| **12. Find the volume of the prism.**  **Macintosh HD:Users:paulbrown:Desktop:Screen Shot 2018-04-28 at 5.13.26 PM.png** |