**Section 9.1: Surface Area of Prisms Homework Day 2**

**Find the surface area.**

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| 1.) Find surface area.  11 in  5 in  6 in  8 in  8 in | 2.) Find surface area.  8 in  20 in  7 in  11 in  5 in  6 in |
| 3.) Find surface area. | 4.) Find surface area. |
| 5.) One can of frosting covers about 280 square inches. Is one can of frosting enough to frost the cake? Show your math and explain your reasoning. | 6.) Find surface area.  3 in  10 in  8 in  5in  7 in |
| 7.) The outsides of purple traps are coated with glue to catch emerald ash borers. You make your own trap in the shape of a rectangular prism with an open top and bottom. What is the surface area that you need to coat with glue? | |

9.1 Homework Day 2:

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| 1.) 261 in2 | 2.) 712 in2 | 3.) 418 m2 | 4.) 920 ft2 | 5.) Yes: SA = 249 in2 (Don’t frost the bottom!) |
| 6.) 221 in2 | 7.) 880 in2 |