**Section 9.2: Surface Areas of Pyramids Homework Day 2**

**Find the surface area of each pyramid.**

|  |  |
| --- | --- |
| 1.)  6 ft  6 ft | 2.)  8 ft |
| 3.)  8 in  8 in  9 in | 4.) |
| 5.) A square pyramid has side lengths of 7 inches and a slant height of 10 inches. What is the surface area of the figure? | 6.) Your friend is purchasing an umbrella with a slant height of 4 feet. There are a variety of such umbrellas to choose from. A red umbrella is shaped like a regular pentagonal pyramid with a side length of 3 feet. Find the lateral surface area of the red umbrella. |
| 7.) Find the surface area.  TA: C:\replacearts\Red Resources by Chapter\Red Chapter 9 RBC\Arts\PNGs\mscc7_rbc_0902_09.png | |

**Section 9.2:**

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| 1.) 322.5 in2 | 2.) 128 ft2 | 3.) 208 in2 | 4.) 170.1 yd2 | 5.) 189 in2 | 6.) 30 ft2 |
| 7.) 210.6 in2 |