Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per: \_\_\_\_ Table#\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

**8.4B Homework** – Similar Solids and Surface Area

For #1 – 4: The solids are similar. Find the surface area of the second solid. If necessary, round your answer to the nearest tenth.

|  |  |
| --- | --- |
| 1.    8.4 #10 | 2.    8.4 #11 |
| 3.    R&P (8.4) | 4.    8.3-4 Quiz #8 |

Continued on back

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| 5. |

8.4A Review

Determine whether the solids are similar.

|  |  |
| --- | --- |
| 6.    (8.4) p. 359 #4 | 7.    (8.4) p. 359 #7 |
| 8. The two solids are similar. Find the missing measurement.    **144 in**  **54. in** | |

Solutions: 1) 756 m2 2) 1012.5 in2 3) 352 m2 4) 75.4 m2 5) 673.8 cm2 6) yes 7) no 8) 3 ft