

Name _____

Date _____

2D and 3D Area, Volume and Surface Area - Matching Worksheet

Write the letter of the answer that matches the problem.

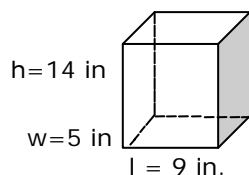
_____ 1. A triangle has an area of 15 square feet.
The height is 8 feet. What is the length of
the base? a. 10.44

_____ 2. A triangle has an area of 9 square feet.
The height is 6 feet. What is the length of
the base? b. 27

_____ 3. The surface area of a cube is 30 in^2 .
What is the volume of the cube? c. 3

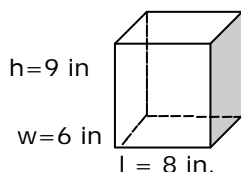
_____ 4. The surface area of a cube is 54 in^2 .
What is the volume of the cube? d. 14.46

_____ 5. Kenny wants to wrap his mom's present.
Wrapping paper is three cents per square
inch. How much will the wrapping paper cost
Kenny?



e. 3.75

_____ 6. Ron made a cake and put it in a box.
Jarvis wants to cover the box with baseball
cards. Baseball cards cost three cents per
square inch. How much will it cost Jarvis to
cover the box in baseball cards?



f. 11.18

