

Find The Volume Of A Right Rectangular Prism - Matching Worksheet

Write the letter of the answer that matches the problem. Note that unit of measure have been removed from the matching answers.

- _____ 1. The length and width of a rectangle is 17 inches and 9 inches respectively. Find the rectangles area. a. 379.5
- _____ 2. The length of a rectangle is 21 meters. The area of the rectangle is 189 square meters. Find the width. b. 1040
- _____ 3. The height of a triangle is 12 inches. The area of the triangle is 96 square inches. What is the base of the triangle? c. 9
- _____ 4. What is the area of the triangle that has a height of 23 inches and a base of 33 inches? d. 153
- _____ 5. Sanchez works at a t-shirt factory. They pack t-shirts in boxes and send them to stores. Sanchez has a box that measures 5 ft by 8 ft by 7 ft. What is the volume of box? e. 16
- _____ 6. Morgan has an iPad box. The box's dimensions are 13 inches long by 8 inches wide by 10 inches high. What is the volume of the box? f. 75
- _____ 7. Find the area of a right triangle with a base length of fifteen units, a height of ten units, and a hypotenuse of approximately eighteen units. g. 9
- _____ 8. The box's dimensions are 10 inches long by 8 inches wide. The volume of the rectangular box is 720? What is the height of the box? h. 280

