

Name _____

Date _____

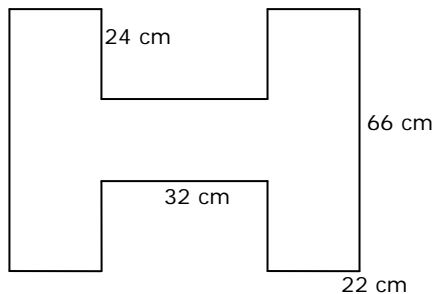
Using Geometry in Design Problems - Matching Worksheet

Write the letter of the answer that matches the problem.

- _____ 1. You have some ice-cream boxes. You need to send these boxes to your relatives. The boxes are 15 cm height, 7 cm width, and 5 cm depth. How many of these boxes could you pack into your car's trunk which is 100 cm long, 80 cm wide and 95 cm high?

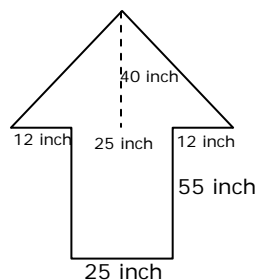
a. 28260
inches²

- _____ 2. A water company owns an "H" shaped water tower; as seen below. The tower is 10 feet thick throughout the entire tower. One cubic foot of water equals 7.48 gallons. How many gallons of water can be stored in the water tower?



b. 1447.62
boxes

- _____ 3. Two carpenters decided to design wooden crests, as shown. How much wood in cm² would they need for each crest?



c. 260304
Gallons

