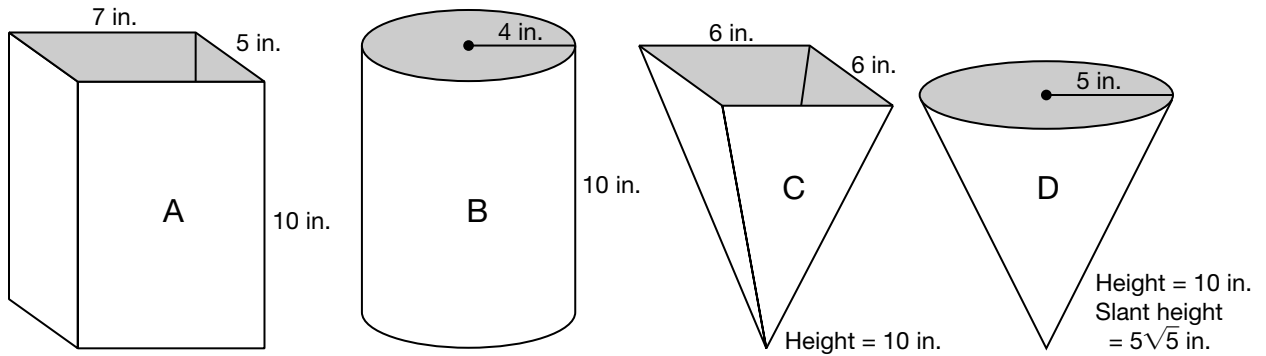


Chapter 12 Review

Product Design

As a product designer, you are challenged to analyze the four cardboard popcorn containers below from the perspectives of a manufacturer, a movie theater, and a consumer.



1. Which container will hold the most popcorn? Justify your answer.
2. Which popcorn container will require the most cardboard to make? Justify your answer. (Note that the tops of the containers are open. For example, the rectangular prism will require cardboard for the bottom and four sides only.)
3. Which of the four popcorn containers might a manufacturer prefer to make? Explain your reasoning.
4. Which of the four popcorn containers might a movie theater want to use? Explain your reasoning.
5. Which of the four might be easiest for the consumer to carry around at an outdoor event? Explain your reasoning.

Answers are located on page 140.