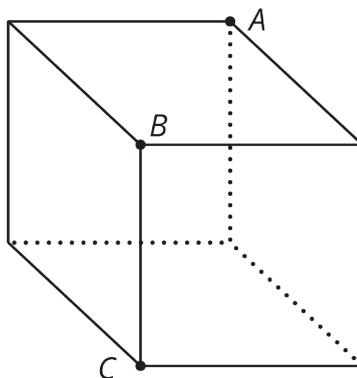


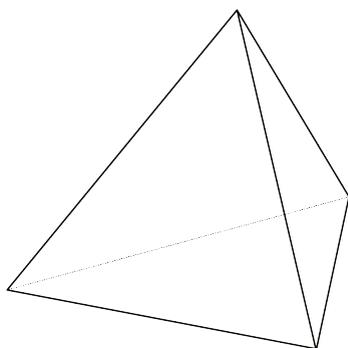
Lesson 11 Practice Problems

1. A cube is cut into two pieces by a single slice that passes through points A , B , and C .
What shape is the cross section?

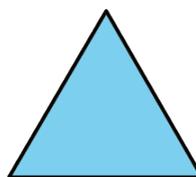


2. Describe how to slice the three-dimensional figure to result in each cross section.

Three-dimensional figure:

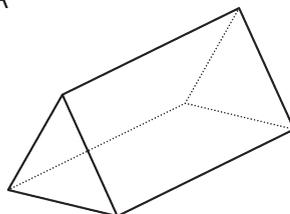


Cross sections:

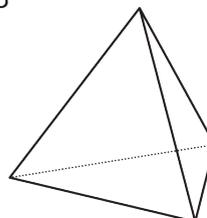


3. Here are two three-dimensional figures.

A



B



Describe a way to slice one of the figures so that the cross section is a rectangle.

4. Each row contains the degree measures of two supplementary angles. Complete the table.

measure of an angle	measure of its supplement
80°	
25°	
119°	
x	

(From Unit 7, Lesson 2.)

5. Two months ago, the price, in dollars, of a cell phone was c .

- Last month, the price of the phone increased by 10%. Write an expression for the price of the phone last month.
- This month, the price of the phone decreased by 10%. Write an expression for the price of the phone this month.
- Is the price of the phone this month the same as it was two months ago? Explain your reasoning.

(From Unit 4, Lesson 8.)