



Name: \_\_\_\_\_ Date: \_\_\_\_\_

## 3-D Food

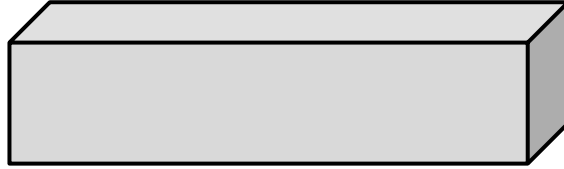


A printer that makes sweets? Yum! Not only are these candies delicious, but they also look amazing. Answer the questions below to see how geometry is used to make sweets even sweeter!

1. At the end of the video, a woman takes a bite out of a chocolate cube. How many faces, vertices, and edges does a cube have?  
\_\_\_\_\_
2. The printer made some yummy quadrilaterals. Name each quadrilateral based on its description.
  - a. This shape has four right angles and two sides that are not congruent.  
\_\_\_\_\_
  - b. This shape is a parallelogram with four sides that are congruent and no right angles.  
\_\_\_\_\_
  - c. This shape has four congruent sides and four right angles.  
\_\_\_\_\_
  - d. This shape has only one pair of opposite sides that are parallel.  
\_\_\_\_\_
  - e. This is any shape that has opposite sides that are congruent and parallel.  
\_\_\_\_\_



3. The printer is able to make a chocolate bar that looks like this:



- a. What is the name of this shape?
- b. How many faces does it have?
- c. How many edges does it have?
- d. How many vertices does it have?