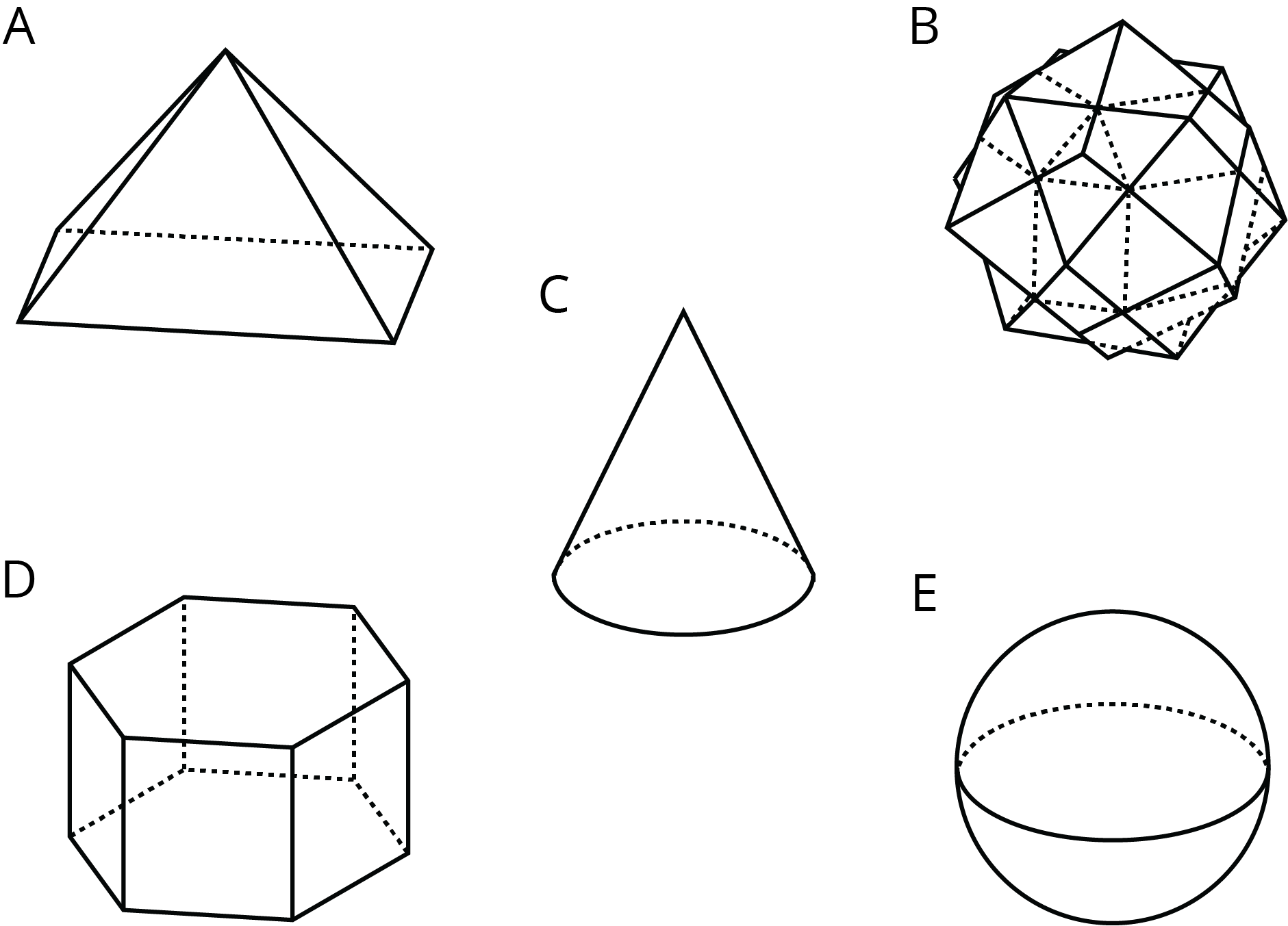
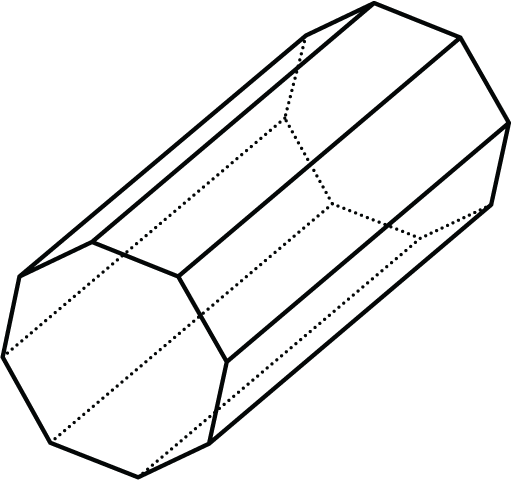
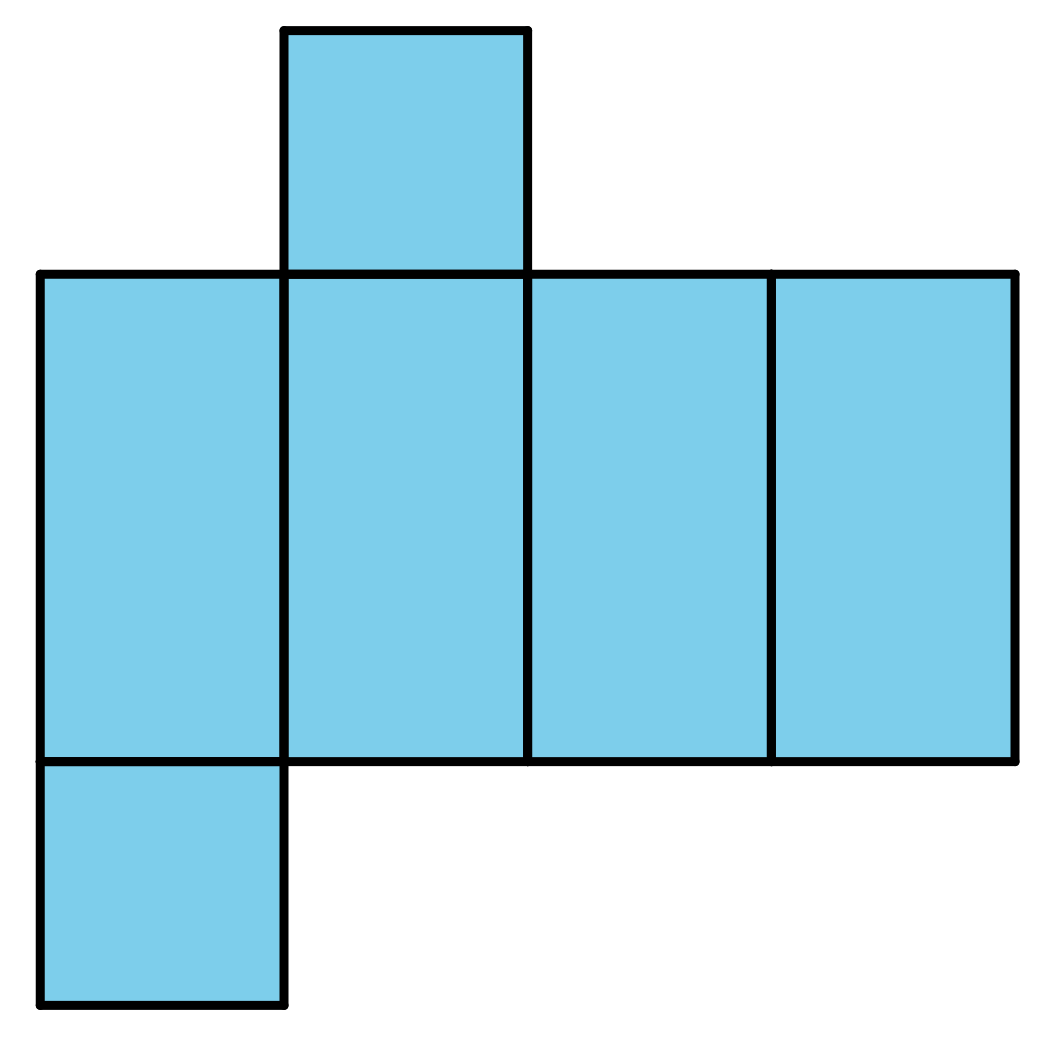
## Unit 1 Lesson 13 Cumulative Practice Problems

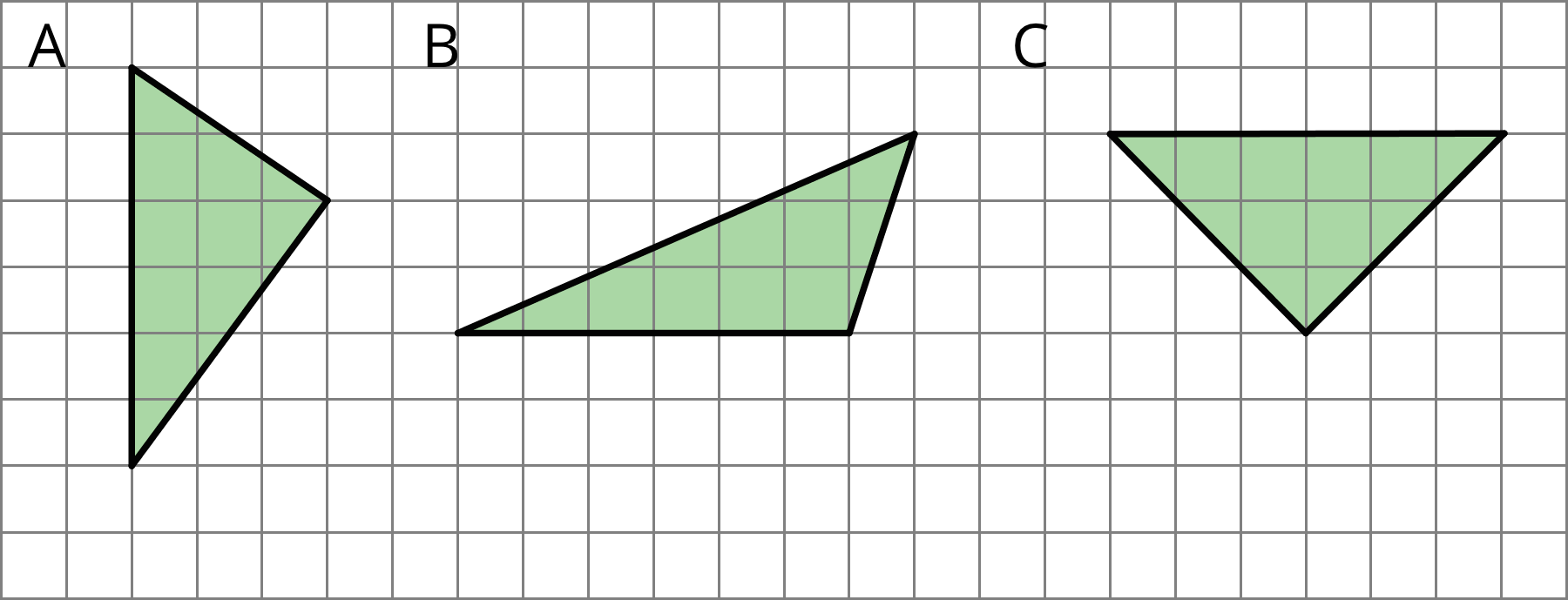
1. Select **all** the polyhedra.

* 
  1. A
  2. B
  3. C
  4. D
  5. E
  6. Is this polyhedron a prism, a pyramid, or neither? Explain how you know.
  + 
  1. How many faces, edges, and vertices does it have?

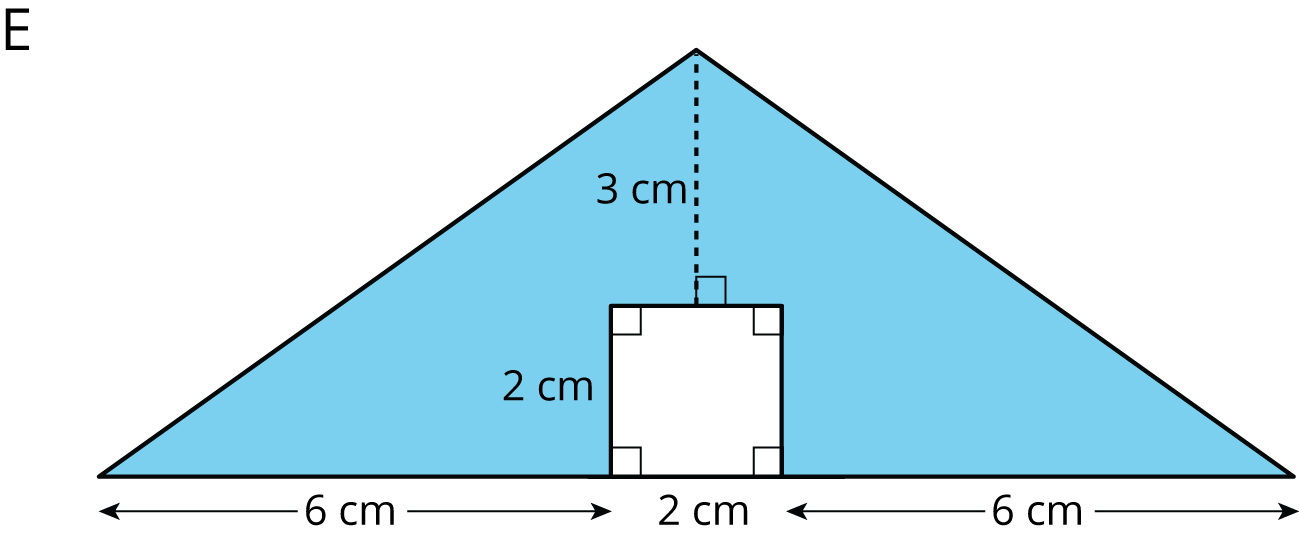
1. Tyler said this net cannot be a net for a square prism because not all the faces are squares.

* Do you agree with Tyler? Explain your reasoning.
* 

1. Explain why each of these triangles has an area of 9 square units.

* 
* (From Unit 1, Lesson 8.)
  1. A parallelogram has a base of 12 meters and a height of 1.5 meters. What is its area?
  2. A triangle has a base of 16 inches and a height of inches. What is its area?
  3. A parallelogram has an area of 28 square feet and a height of 4 feet. What is its base?
  4. A triangle has an area of 32 square millimeters and a base of 8 millimeters. What is its height?
* (From Unit 1, Lesson 9.)

1. Find the area of the shaded region. Show or explain your reasoning.

* 
* (From Unit 1, Lesson 3.)



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