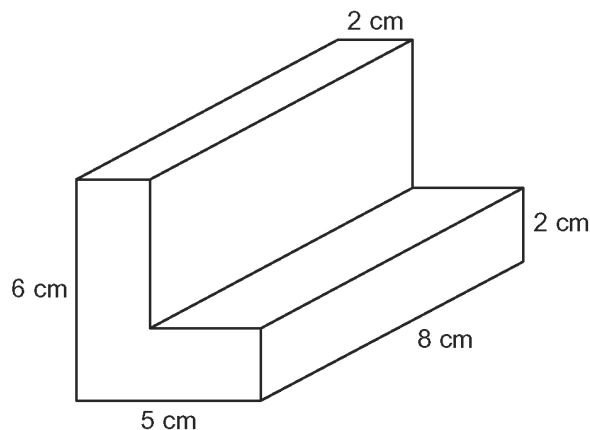


# Section 6.2 Perspective and Orthographic Drawings

- Which representation would be the most useful for a company choosing the best from a series of designs for a new condominium complex? Explain your reasoning.
  - a scale model
  - isometric perspective drawings
  - blueprints showing top views
  - orthographic drawings
- Which would be the best representation of the chosen condominium complex for the construction company hired to build the complex from question 1? Explain.

- Use isometric dot paper. Draw an isometric perspective drawing of this object.

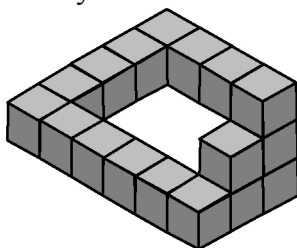


- Which of these diagrams represents the top view of an A-frame cottage?
  - 
  - 
  -

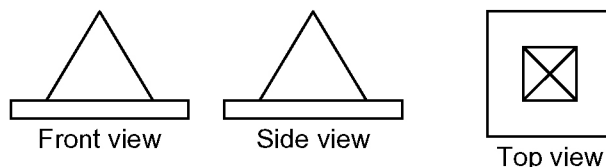
- Draw the orthographic representations for the top, side, and front views of this object.

- Use isometric dot paper or *The Geometer's Sketchpad*® to draw each object.
  - a square-based prism with height that is three times the length of the base
  - a square-based pyramid with height that is equal to the side length

- Can this isometric perspective drawing represent a real object? Explain why or why not.



- For the set of orthographic drawings, draw the object in isometric perspective.



- For the isometric perspective drawing, draw the orthographic projections of the top, side, and front views.

