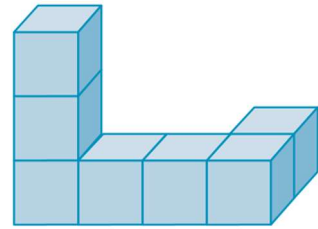
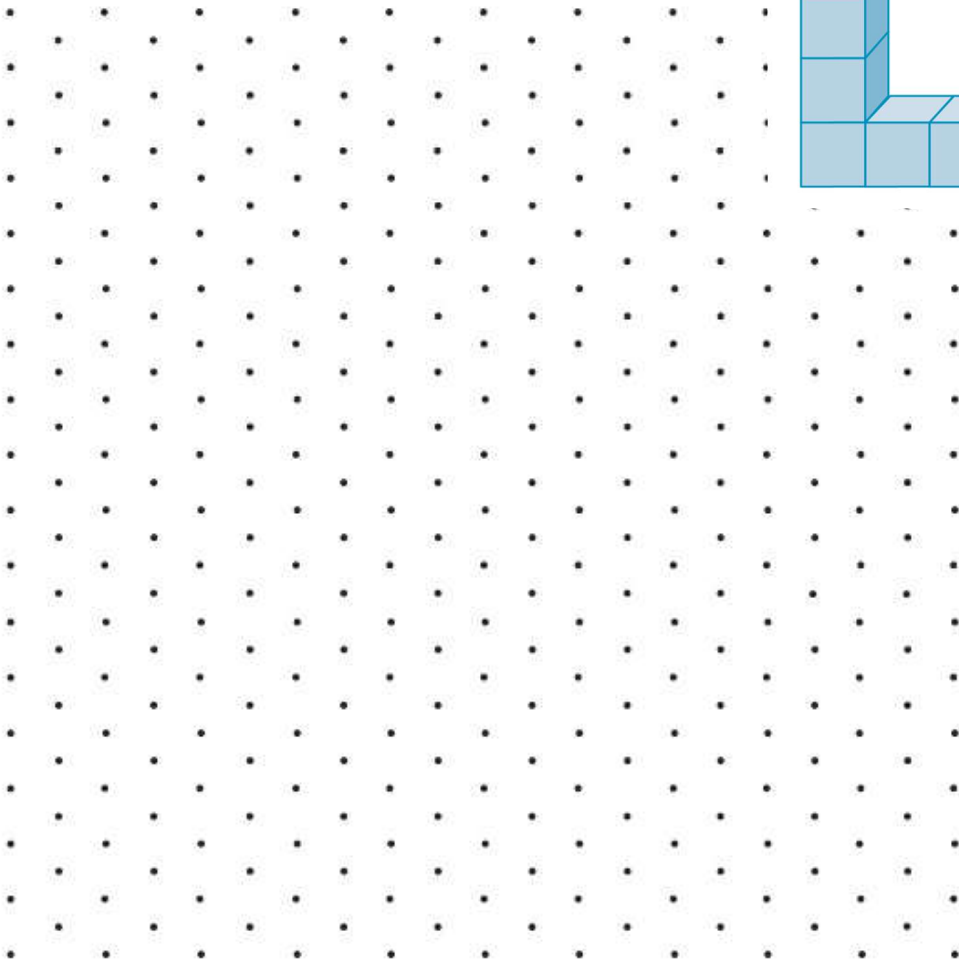


Apprenticeship Math 12
ASSIGNMENT: Isometric Drawings

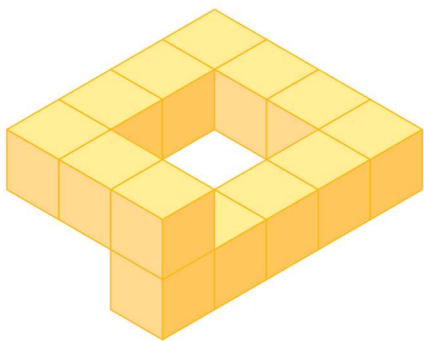
Name: _____

Date: _____

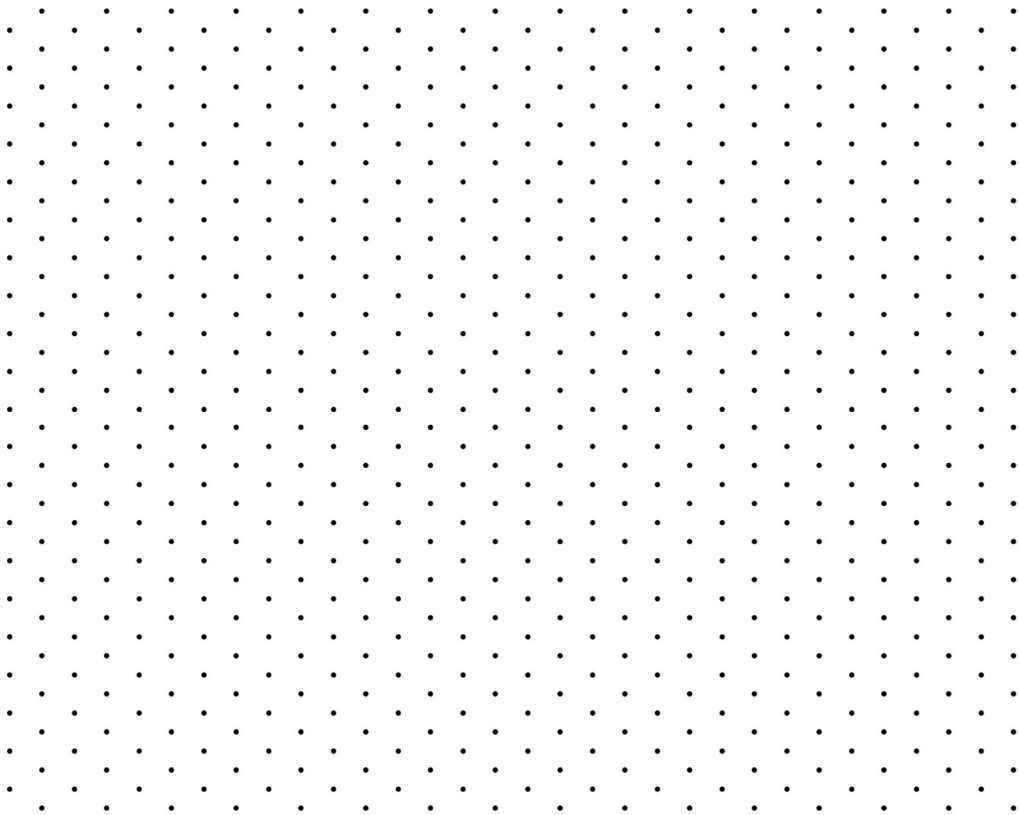
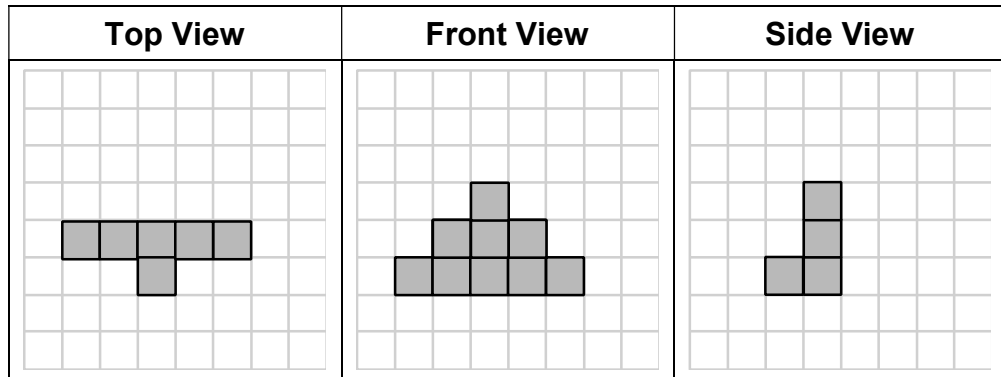
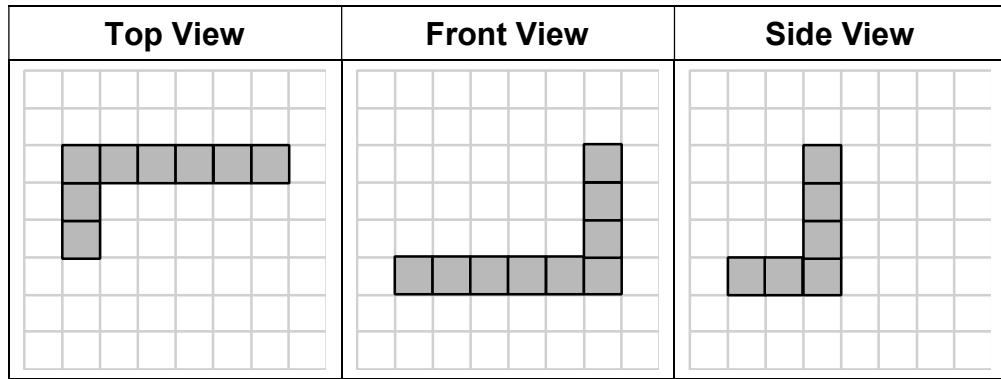
1. Create an isometric drawing of the object shown.



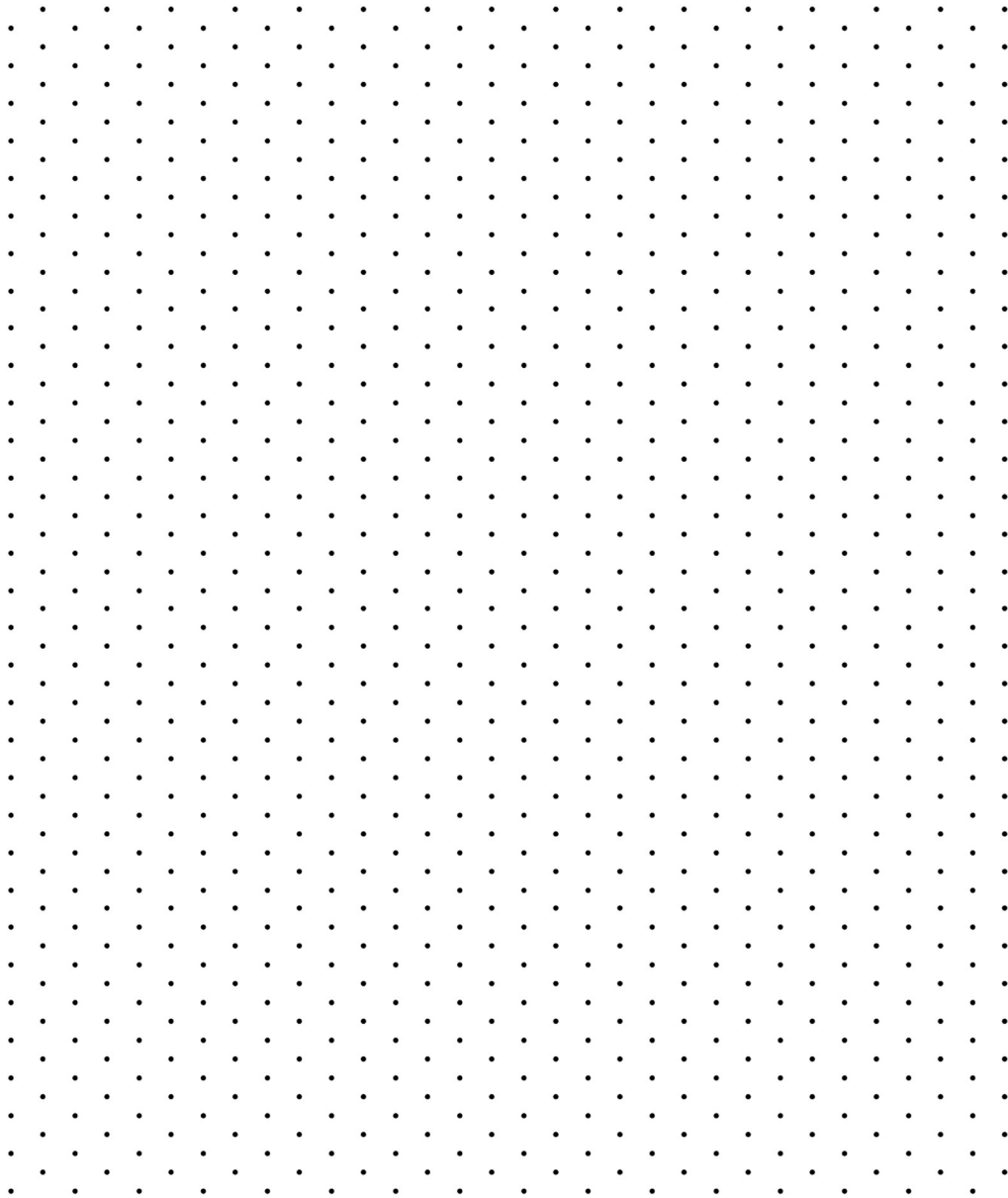
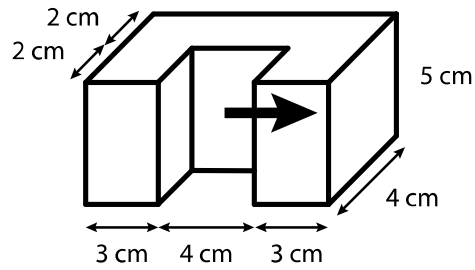
2. Explain why the isometric drawing shown cannot represent a real object.



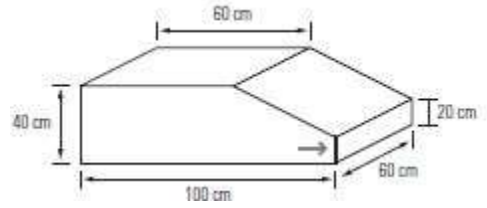
3. Use isometric dot paper to draw the following arrangements of blocks at a 1:1 scale (one unit on isometric dot paper = one unit on grid).



4. Redraw the following oblique drawing as an isometric drawing. Use the edge indicated with an arrow as your starting line.
 Assume each unit on the isometric dot paper equals 0.5 cm.



5. Redraw the object as an isometric drawing, at a scale of 1:20. Use the edge indicated with an arrow as your starting line (hint: draw the diagonal lines last).



Assume each unit on the isometric dot paper equals 0.5 cm.

