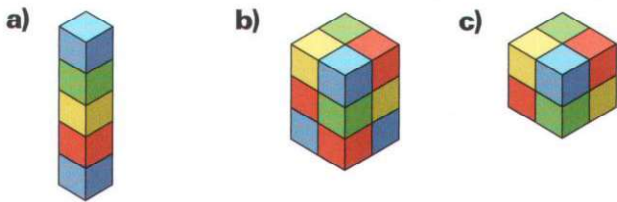
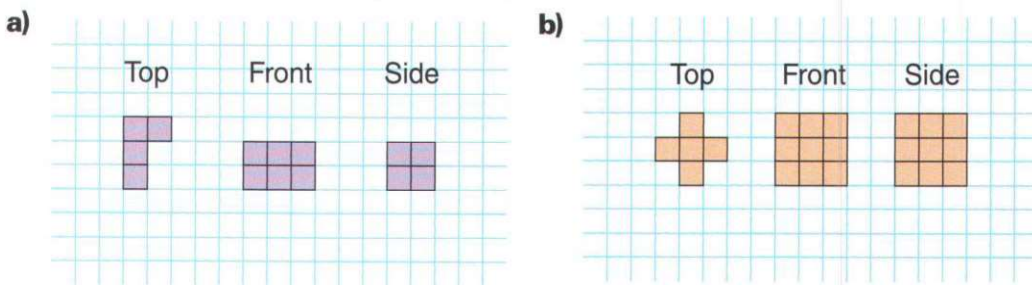


Practice

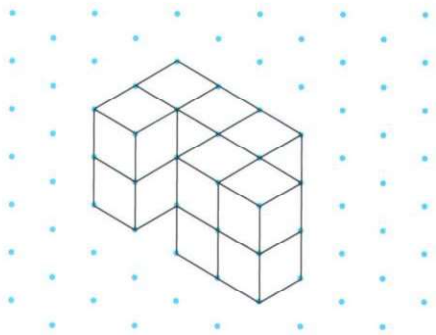
1. Build each object.
Then, draw the object on triangular dot paper.



2. Draw the top, front, and side views for each object in question 1.
3. For each set of views:
- Use linking cubes to build the object.
 - Draw the object on triangular dot paper.



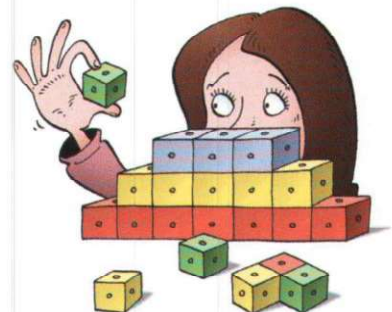
4. a) Build the object shown in the drawing.
b) Then, draw its top, front, and side views.



A drawing on triangular dot paper is called an **isometric drawing**.

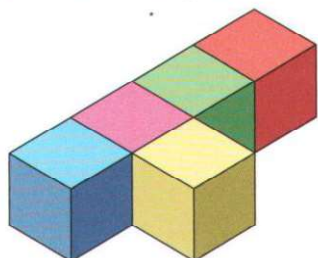


5. Use linking cubes to build an object that is *not* a rectangular prism.
- a) Draw the top, front, and side views.
b) Draw the object on triangular dot paper.
c) Describe how you made the drawings in parts a and b.

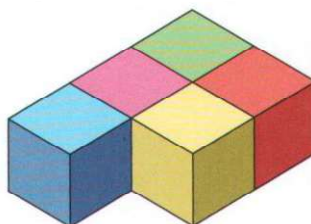


6. For each object:
- Draw its front and side views.
 - Draw it on triangular dot paper.

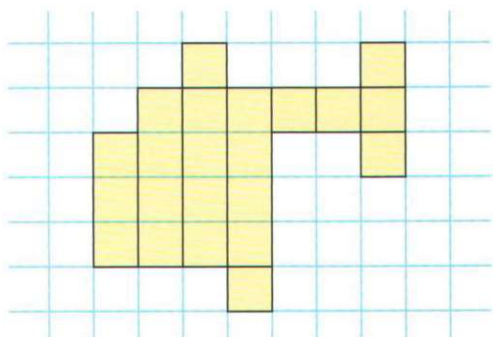
a)



b)



7. Here is the net for an object.

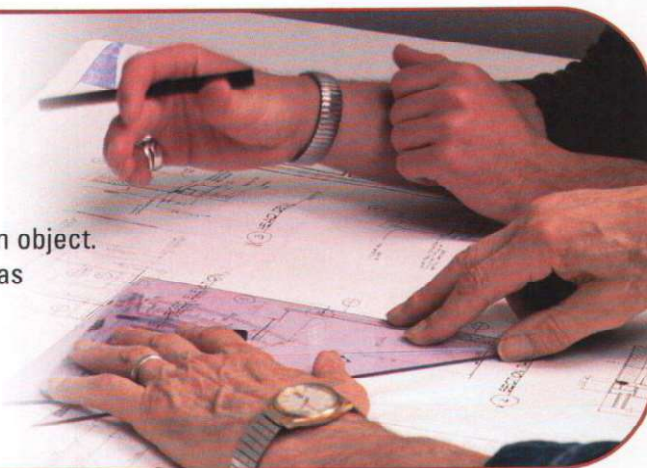


- a) Build the object.
b) Draw the object on triangular dot paper.

Math Link

Your World

People in many occupations draw or interpret technical drawings. Technical drawings are illustrations of an object. The drawings include information, such as the dimensions of the object and the materials needed to build the object. Isometric drawings are one type of technical drawing.



Reflect

When you see an object made with linking cubes, how do you draw it?