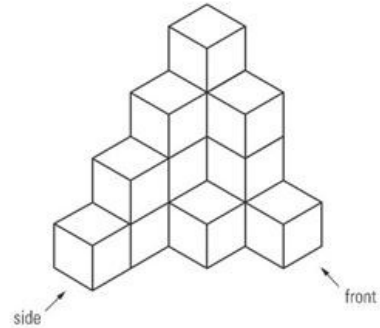


Apprenticeship Math 12
TEST PREP: Technical Drawings

Name: _____

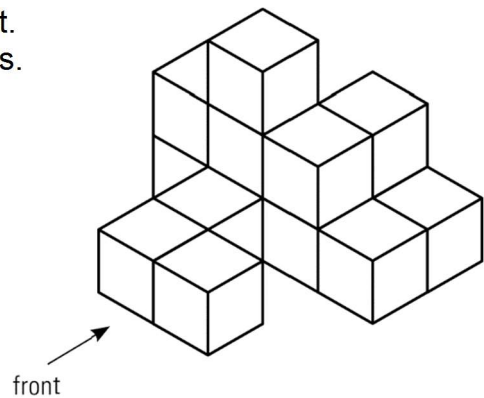
Date: _____

1. Draw top, front and side views of the given object.
 Assume there are no blocks hidden behind others.



Top View	Front View	Side View

2. Draw top, front and side views of the given object.
 Assume there are no blocks hidden behind others.

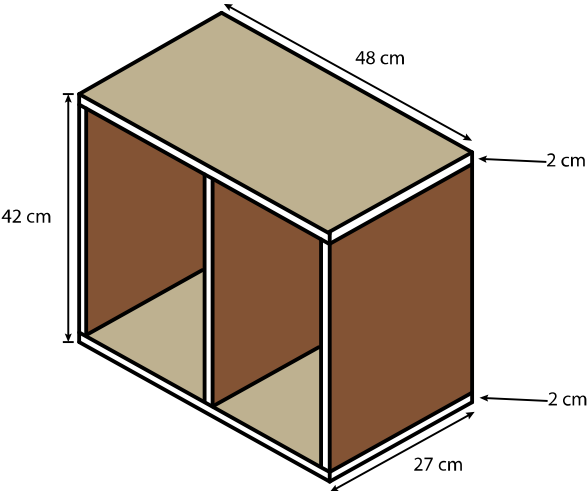


Top View	Front View	Side View

13. Jakob wants to build a stand for storing his work boots. Draw and label a component parts diagram the stand at a scale of 1: 6.

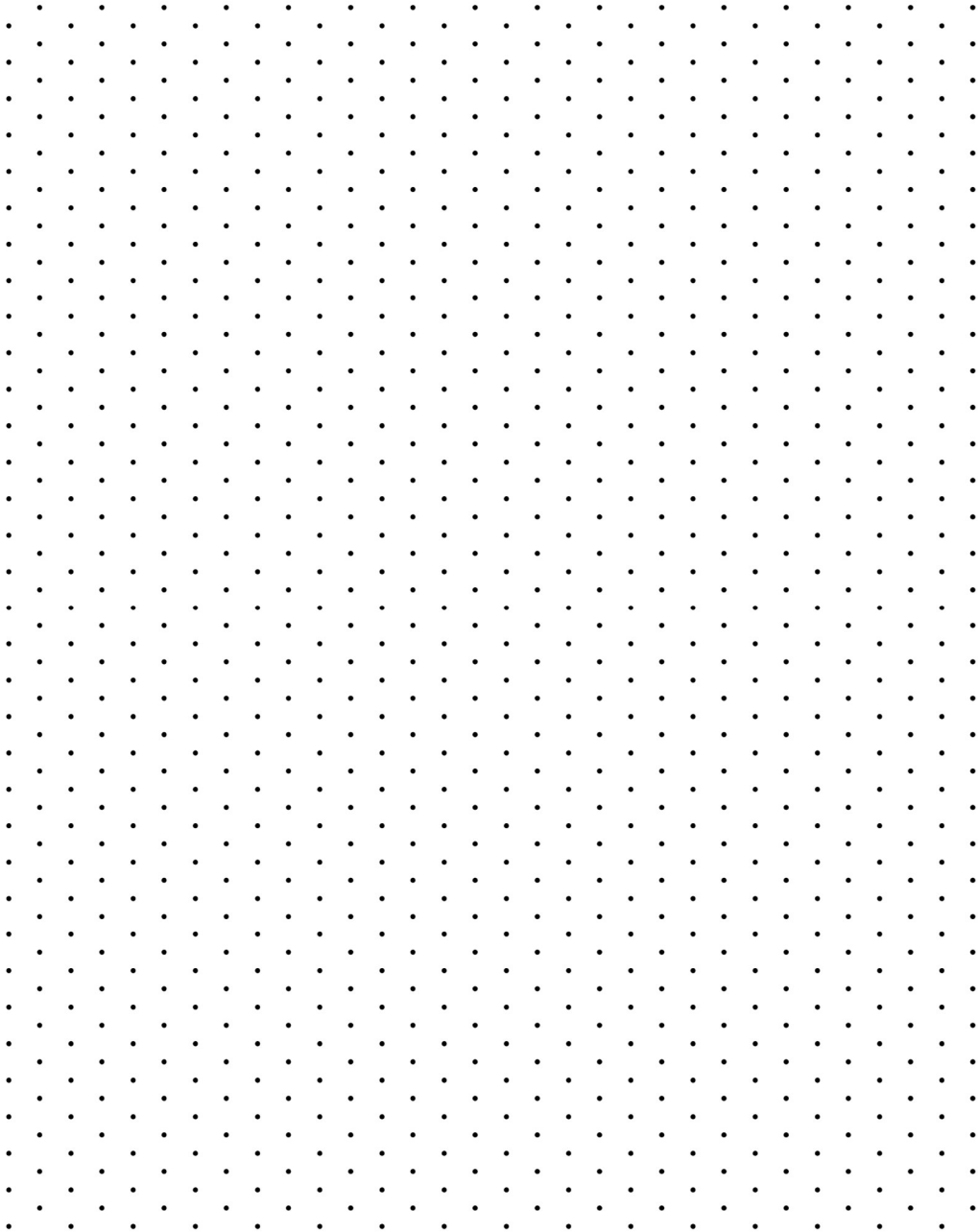
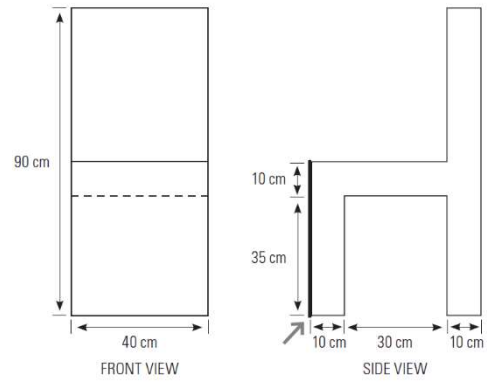
All of the material is 2 cm thick (hint: this information is needed to calculate the height of some pieces!). The stand is open on the back side.

Show how you calculated your measurements, label the dimensions, and include a scale statement on your diagram.



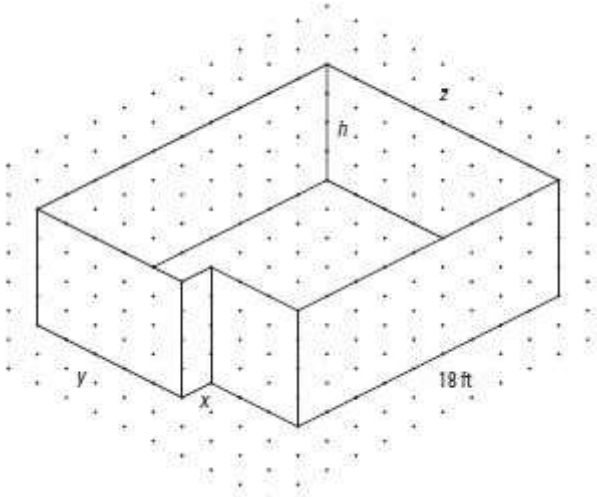
A large grid area for drawing a component parts diagram. The grid is composed of small squares, approximately 20 units wide and 30 units high.

14. An industrial designer has created a chair made out of concrete for an outdoor recreation area. Using the isometric dot grid below, draw an isometric drawing of the chair at a scale of 1:10.



15. In the following isometric drawing of a room, the front wall is 18 feet long. Find the lengths of walls x, y and z and the height (h) of the room.

x = _____
 y = _____
 z = _____
 h = _____



16. Draw a perspective drawing of a prism that has the front face shown. Use the horizon line and vanishing point given.

