



Team Members:

1. _____ 2. _____

Total Points

Workbook: /23 pts

Exploring Length, Depth, and Height

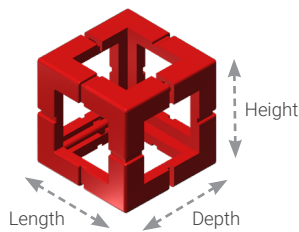
Define each term listed below.

1. Length: _____

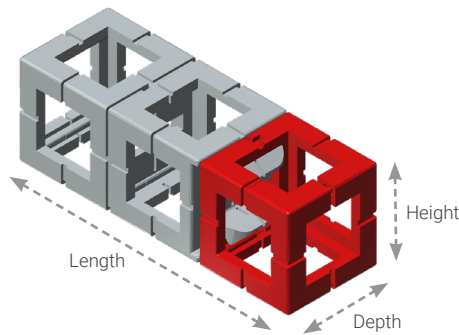
2. Depth: _____

3. Height: _____

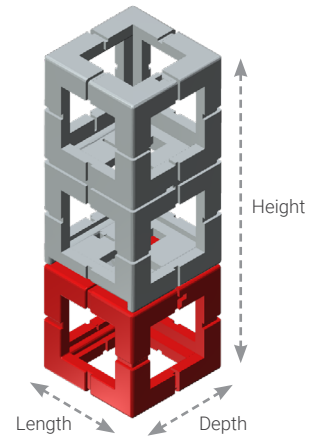
Instructions: Fill in the correct information in the spaces provided. *Note: Units of measurement for this section will be in number of openings.*



Example 1



Example 2



Example 3

4. Length: _____ opening(s)

5. Depth: _____ opening(s)

6. Height: _____ opening(s)

7. Length: _____ opening(s)

8. Depth: _____ opening(s)

9. Height: _____ opening(s)

10. Length: _____ opening(s)

11. Depth: _____ opening(s)

12. Height: _____ opening(s)

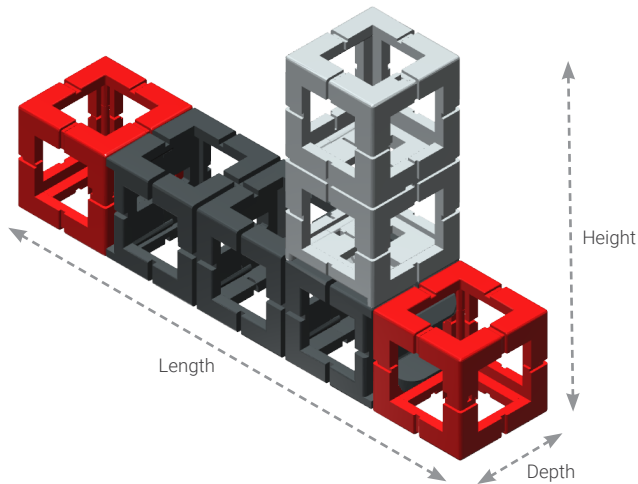
Exploring Orthographic Projections

Place a check in each box as each step is completed.

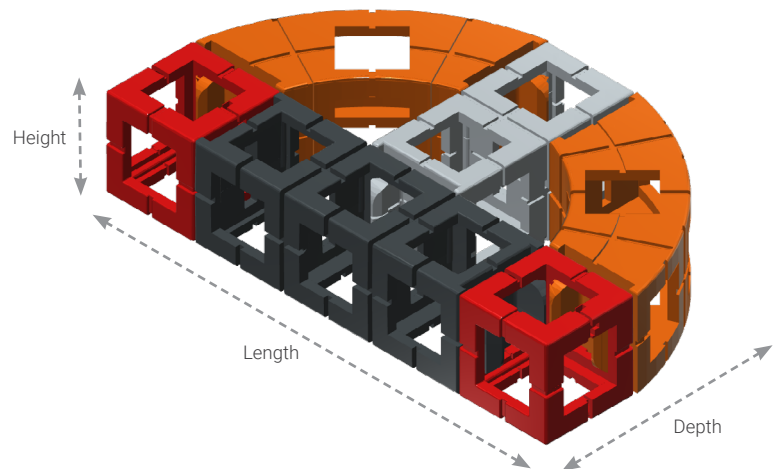
13. ☐ Using engineering materials, assemble a simple object.
14. ☐ Rotate the object and observe what it looks like from different perspectives.

Measuring In Metric Units

Determine the length, depth, and height of the example objects shown below. *Note: Units of measurement for this section will be in centimeters.*



Example 1



Example 2

15. Length: _____ cm

16. Depth: _____ cm

17. Height: _____ cm

18. Length: _____ cm

19. Depth: _____ cm

20. Height: _____ cm

Divergent Learning Activity

Create a "measuring stick" and use it to determine the dimensions of various objects in the classroom. The length of the measuring stick can be determined by each team.

21. Object: _____

Length: _____ (cm)

Depth: _____ (cm)

Height: _____ (cm)

22. Object: _____

Length: _____ (cm)

Depth: _____ (cm)

Height: _____ (cm)

23. Object: _____

Length: _____ (cm)

Depth: _____ (cm)

Height: _____ (cm)