Building Objects from Views

**Geometry**

**Unit 1B Line Master 5a**

**Part A: Given one view**

Build an object that has this top view.

Diagram

Description automatically generated with medium confidence

How many different objects can you build?

**Part B: Given two views**

Build an object that has this top view and front view.

Diagram

Description automatically generated

How many different objects can you build now?

Building Objects from Views (cont’d)

**Geometry**

**Unit 1B Line Master 5b**

**Part C: Given three views**

Build an object that has this top view, front view, and right-side view.

A picture containing light, orange, close

Description automatically generated

How many different objects can you build now?

**Part D: Given four views**

Here is the left-side view. Is your object correct?  
If not, add or move cubes until it is.

Diagram

Description automatically generated with low confidence

What did you notice as more views were given?

Building Objects from Views (cont’d)

**Geometry**

**Unit 1B Line Master 5c**

**Part A: Given one view**

Build an object that has this top view.

Diagram

Description automatically generated with medium confidence

How many different objects can you build?

**Part B: Given two views**

Build an object that has this top view and front view.

Diagram

Description automatically generated

How many different objects can you build now?

Building Objects from Views (cont’d)

**Geometry**

**Unit 1B Line Master 5d**

**Part C: Given three views**

Build an object that has this top view, front view, and right-side view.

A picture containing diagram

Description automatically generated

How many different objects can you build now?

**Part D: Given four views**

Here is the left-side view. Is your object correct?  
If not, add or move cubes until it is.

A picture containing chart

Description automatically generated

What did you notice as more views were given?