Building Objects from Views

**Geometry**

**Unit 1B Line Master 5a**

**Part A: Given one view**

Build an object that has this top view.



How many different objects can you build?

**Part B: Given two views**

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



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.



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.



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.



How many different objects can you build?

**Part B: Given two views**

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



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.



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.



What did you notice as more views were given?