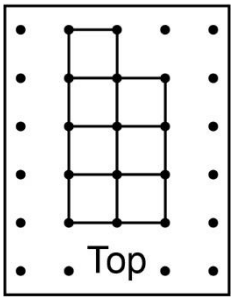
Name_____ Date_____

Geometry
Unit 1B Line Master 5a

Building Objects from Views

Part A: Given one view

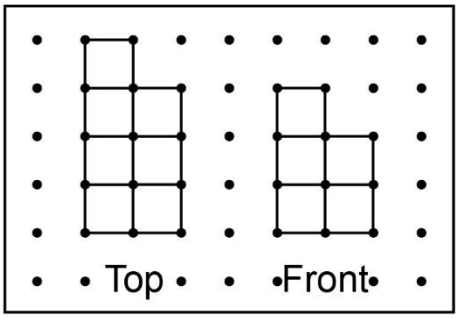
Build an object that has this top view.



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?

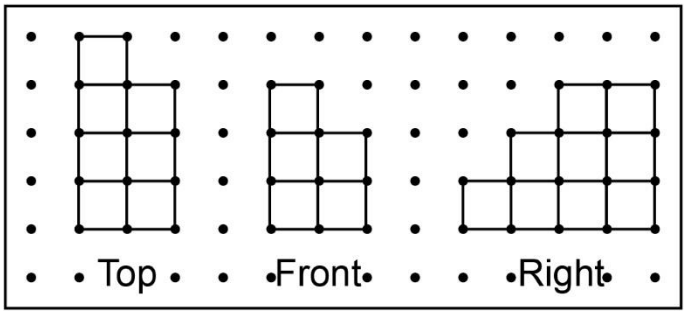
Name_____ Date_____

Geometry
Unit 1B Line Master 5b

Building Objects from Views (cont'd)

Part C: Given three views

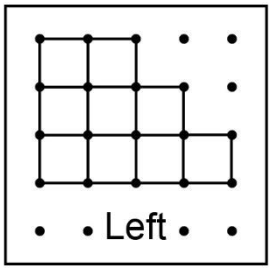
Build an object that has this top view, front view, and right-side view.



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?

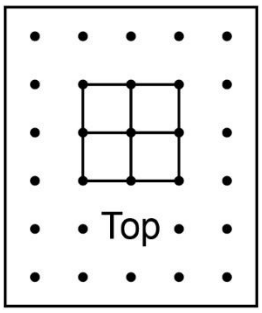
Name_____ Date_____

Geometry
Unit 1B Line Master 5c

Building Objects from Views (cont'd)

Part A: Given one view

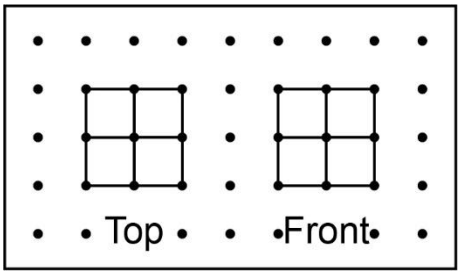
Build an object that has this top view.



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?

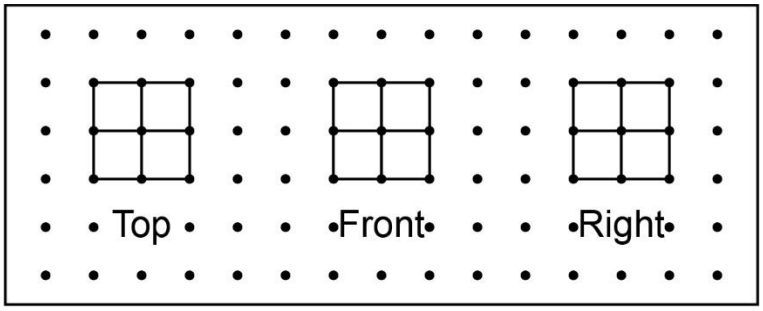
Name_____ Date_____

Geometry
Unit 1B Line Master 5d

Building Objects from Views (cont'd)

Part C: Given three views

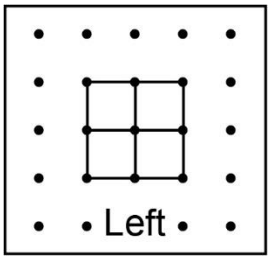
Build an object that has this top view, front view, and right-side view.



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?