

Place-Value Blocks

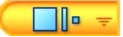


Modeling Numbers

Settings












Small	Shift+S
Long	Shift+L
Flat	Shift+F
Large	Shift+J

Workspace: 

You can model whole numbers using Place-Value Blocks.

- ▶ The  menu allows you to choose which block will be the unit block. When Small is selected,  equals 1. The values of the other blocks are set as 10, 100, and 1000.
- ▶ Use  to move blocks.

Practice Using Place-Value Blocks

1. Click . Place one Large cube in the workspace for each thousand in the number being modeled. Use 4 .
2. Click . Place one Flat in the workspace for each hundred in the number being modeled. Use 3 .
3. Click  or . Place one Long (either horizontal or vertical) in the workspace for each ten in the number being modeled. Use 7 .
4. Click . Place one Small cube in the workspace for each one in the number being modeled. Use 2 .
5. Click  to show the place-value chart. Notice that the blocks in the workspace are positioned in the proper columns and the Odometer shows the standard form of the number: 4,372.
6. Click  to display different ways of naming that number.

4 thousands + 3 hundreds + 7 tens + 2 ones

four thousand, three hundred seventy-two

$4000 + 300 + 70 + 2$



Step by Step

1

