**Building Rectangular Prisms**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Length** | **Width** | **Height** | **Unit Cubes Needed to Cover Bottom** | **Layers of Unit Cubes** | **Volume** |
| 6 | 3 | 4 |  |  |  |
| 9 | 3 | 5 |  |  |  |
| 4 | 2 | 7 |  |  |  |
| 5 | 8 | 2 |  |  |  |
| 2 | 6 | 6 |  |  |  |

Building Rectangular Prisms – **KEY**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Length** | **Width** | **Height** | **Unit Cubes Needed to Cover Bottom** | **Layers of Unit Cubes** | **Volume** |
| 6 | 3 | 4 | ***18*** | ***4*** | ***72*** |
| 9 | 3 | 5 | ***27*** | ***5*** | ***135*** |
| 4 | 2 | 7 | ***8*** | ***7*** | ***56*** |
| 5 | 8 | 2 | ***40*** | ***2*** | ***80*** |
| 2 | 6 | 6 | ***12*** | ***6*** | ***72*** |