Name: \_\_\_\_\_\_\_\_\_\_\_\_\_ UIN: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Quick Select Sorting Lab**

Complete the Quick Select sort on the problems below:

**The 2nd smallest number**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **45** | **67** | **12** | **34** | **25** | **39** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**The 3rd smallest number**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **12** | **15** | **1** | **7** | **9** | **8** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**The 4th smallest number**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **1** | **7** | **11** | **19** | **2** | **4** | **12** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |