**First Name**

**Last name**

# Insertion Sort Worksheet

1. Practice sorting the following data using Insertion Sort. Write the correct sequence of integers for each value of outer after its inner loop has been completed.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **outer** | **83** | **95** | **44** | **37** | **38** | **72** |
| **0** |  |  |  |  |  |  |
| **1** |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |

1. Practice sorting words using Insertion Sort. Write the correct sequence of words for each value of outer after its inner loop and insertion have been completed.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **outer** | **far** | **don’t** | **trees** | **from** | **fall** | **apples** |
| **0** |  |  |  |  |  |  |
| **1** |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |

**First Name**

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| **0** |  |  |  |  |  |  |
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| **1** |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |