Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Investigation 1: **Could You Be an Olympic Swimmer?**

**Worksheet 1.3 Sample Data**

Random sample of heights and arm spans of ninth grade students taken from the Census at School website.

|  |  |  |
| --- | --- | --- |
| Arm Span (cm) | Height (cm) | Ratio  Arm Span to Height |
| 155 | 170 |  |
| 177 | 172 |  |
| 176 | 178 |  |
| 170 | 172 |  |
| 163 | 163 |  |
| 160 | 160 |  |
| 150 | 168 |  |
| 148 | 164 |  |
| 181 | 177 |  |
| 159 | 160 |  |
| 149 | 156 |  |
| 153 | 158 |  |
| 131 | 158 |  |
| 176 | 183 |  |
| 172 | 166 |  |
| 175 | 177 |  |
| 177 | 174 |  |
| 162 | 167 |  |
| 164 | 159 |  |
| 154 | 157 |  |
| 156 | 167 |  |
| 170 | 172 |  |
| 150 | 168 |  |
| 160 | 160 |  |
| 173 | 173 |  |
| 175 | 168 |  |
| 174 | 177 |  |
| 178 | 185 |  |