Name: _____

Estimating the Square Root of Non-Perfect Squares

Example

$$\sqrt{7}$$

$\sqrt{4}=2$ $\sqrt{9}=3$

The $\sqrt{7}$ is between 2 and 3.

0   1   2 $\sqrt{7}$ 3   4   5

Directions: Complete each of the following statements.

1.) The $\sqrt{13}$ is between _____ and _____.

2.) The $\sqrt{39}$ is between _____ and _____.

3.) The $\sqrt{6}$ is between _____ and _____.

4.) The $\sqrt{103}$ is between _____ and _____.

5.) The $\sqrt{91}$ is between _____ and _____.

6.) The $\sqrt{136}$ is between _____ and _____.

7.) The $\sqrt{75}$ is between _____ and _____.

8.) The $\sqrt{60}$ is between _____ and _____.

1.) The $\sqrt{13}$ is between **3** and **4**.

2.) The $\sqrt{39}$ is between **6** and **7**.

3.) The $\sqrt{6}$ is between **2** and **3**.

4.) The $\sqrt{103}$ is between **10** and **11**.

5.) The $\sqrt{91}$ is between **9** and **10**.

6.) The $\sqrt{136}$ is between **11** and **12**.

7.) The $\sqrt{75}$ is between **8** and **9**.

8.) The $\sqrt{60}$ is between **7** and **8**.