## Estimating Square Roots

Name: Score: $\qquad$

Use your square root estimation skills and fill in the blanks.
$\sqrt{200}$ is between 14 and $\sqrt{37}$ is between $\square$ and $\square$
$14 \times 14=196 \quad 15 \times 15=225$
$\sqrt{31}$ is between $\square$ and $\square$ $\sqrt{2} \quad$ is between $\square$ and $\square$ $\sqrt{134}$ is between $\square$ and $\square$ $\sqrt{350}$ is between $\square$ and $\square$ $\sqrt{8} \quad$ is between $\square$ and $\square$ $\sqrt{500}$ is between $\square$ and $\square$ $\sqrt{80}$ is between $\square$ and $\square \quad \sqrt{60}$ is between $\square$ and $\square$

and


## Answers

Use your square root estimation skills and fill in the blanks.

| $\sqrt{200}$ is between | 14 | and | 15 | $\sqrt{37}$ | is between | 6 | and | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $14 \times 14=196$ | $15 \times 15=225$ |  |  |  |  |  |  |  |
| $\sqrt{31}$ is between | 5 | and | 6 | $\sqrt{2}$ | is between | 1 | and | 2 |
| $\sqrt{134}$ is between | 11 |  | 12 | $\sqrt{350}$ | is between | 18 | and | 19 |
| $\sqrt{8}$ is between | 2 | and | 3 | $\sqrt{500}$ | is between | 22 | and | 23 |

$\sqrt{80}$ is between 8 and $9 \sqrt{60}$ is between 7 and 8
$\sqrt{111}$ is between 10 and 11 and is between 15 and 16


