Estimating Square Roots

Name: _____   Score: _____

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

$\sqrt{200}$ is between [14] and [15]

14 x 14 = 196   15 x 15 = 225

$\sqrt{37}$ is between [ ] and [ ]

$\sqrt{31}$ is between [ ] and [ ]

$\sqrt{2}$ is between [ ] and [ ]

$\sqrt{134}$ is between [ ] and [ ]

$\sqrt{350}$ is between [ ] and [ ]

$\sqrt{8}$ is between [ ] and [ ]

$\sqrt{500}$ is between [ ] and [ ]

$\sqrt{80}$ is between [ ] and [ ]

$\sqrt{60}$ is between [ ] and [ ]

$\sqrt{111}$ is between [ ] and [ ]

$\sqrt{230}$ is between [ ] and [ ]

$\sqrt{320}$ is between [ ] and [ ]

$\sqrt{190}$ is between [ ] and [ ]

$\sqrt{3}$ is between [ ] and [ ]

$\sqrt{5}$ is between [ ] and [ ]

$\sqrt{150}$ is between [ ] and [ ]

$\sqrt{115}$ is between [ ] and [ ]

$\sqrt{70}$ is between [ ] and [ ]

$\sqrt{90}$ is between [ ] and [ ]

Answers

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

$\sqrt{200}$ is between $\boxed{14}$ and $\boxed{15}$

14 x 14 = 196   15 x 15 = 225

$\sqrt{37}$ is between $\boxed{6}$ and $\boxed{7}$

$\sqrt{31}$ is between $\boxed{5}$ and $\boxed{6}$

$\sqrt{2}$ is between $\boxed{1}$ and $\boxed{2}$

$\sqrt{134}$ is between $\boxed{11}$ and $\boxed{12}$

$\sqrt{350}$ is between $\boxed{18}$ and $\boxed{19}$

$\sqrt{8}$ is between $\boxed{2}$ and $\boxed{3}$

$\sqrt{500}$ is between $\boxed{22}$ and $\boxed{23}$

$\sqrt{80}$ is between $\boxed{8}$ and $\boxed{9}$

$\sqrt{60}$ is between $\boxed{7}$ and $\boxed{8}$

$\sqrt{111}$ is between $\boxed{10}$ and $\boxed{11}$

$\sqrt{230}$ is between $\boxed{15}$ and $\boxed{16}$

$\sqrt{320}$ is between $\boxed{17}$ and $\boxed{18}$

$\sqrt{190}$ is between $\boxed{13}$ and $\boxed{14}$

$\sqrt{3}$ is between $\boxed{1}$ and $\boxed{2}$

$\sqrt{5}$ is between $\boxed{2}$ and $\boxed{3}$

$\sqrt{150}$ is between $\boxed{12}$ and $\boxed{13}$

$\sqrt{115}$ is between $\boxed{10}$ and $\boxed{11}$

$\sqrt{70}$ is between $\boxed{8}$ and $\boxed{9}$

$\sqrt{90}$ is between $\boxed{9}$ and $\boxed{10}$