

Approximate Roots

Sometimes, the result isn't an integer.

What is $\sqrt{29}$? Since $\sqrt{29}$ is between $\sqrt{25}$ and $\sqrt{36}$, the answer must be between 5 and 6. Since 29 is closer to 25, the answer will be closer to 5 than to 6.

What is $\sqrt{7}$?