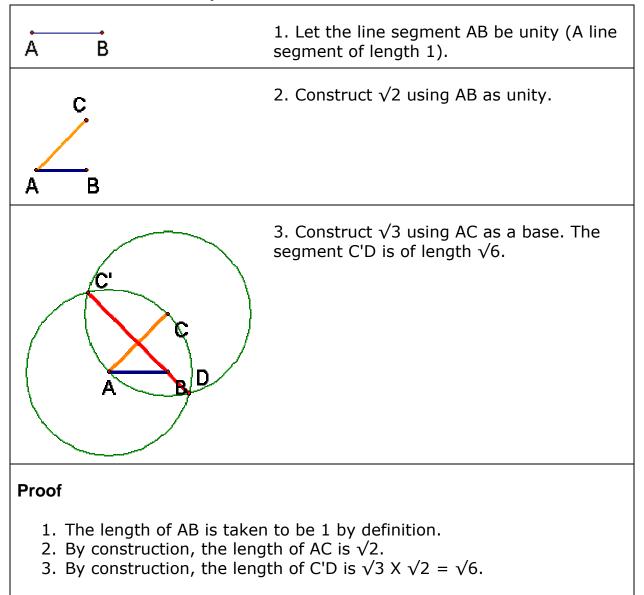
Construct the Square Root of 6

This construction uses the constructions of $\sqrt{2}$ and $\sqrt{3}$. The algebraic formula is $(\sqrt{2})^2 \times (\sqrt{3})^2 = (\sqrt{6})^2$. The method for constructing $\sqrt{2}$ is found at <u>http://mcadamsmath.tripod.com/numbers/cons_sqrt_2.pdf</u>. The method for constructing $\sqrt{3}$ is found at <u>http://mcadamsmath.tripod.com/numbers/cons_sqrt_3.pdf</u>.

How to construct the square root of 5:



Source: <u>http://McAdamsMath.tripod.com/numbers/cons_sqrt_6.pdf</u>