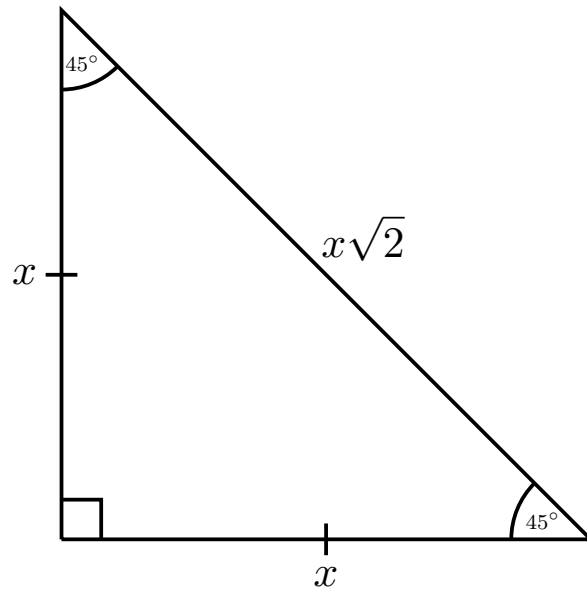


45-45-90 Triangles

.....



x is a leg.

$x\sqrt{2}$ is the hypotenuse.