30-60-90 Triangles

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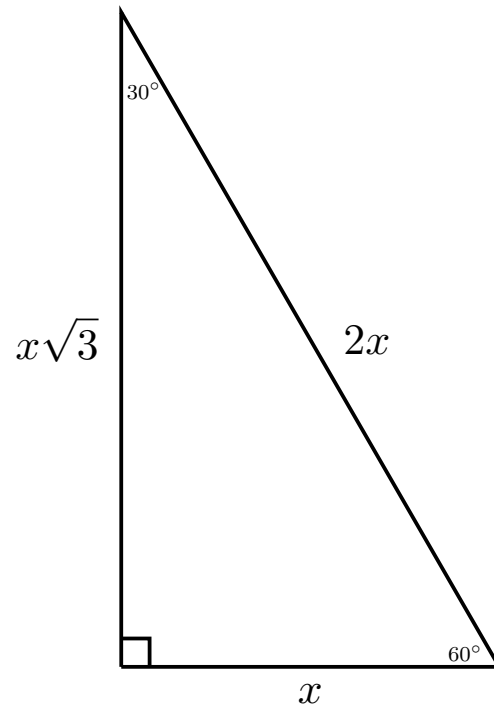
x is the short leg.

$x\sqrt{3}$ is the long leg.

$2x$ is the hypotenuse.