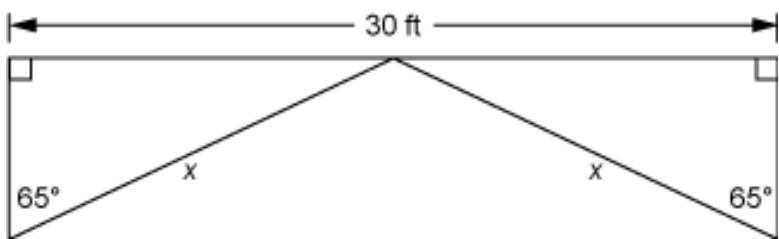


A 30-foot-long footbridge has two diagonal supports that meet in the center of the bridge.

Each support makes a 65° angle with a short vertical support.



What is the length x of a diagonal support, to the nearest tenth of a foot?

$x \approx$ _____ feet