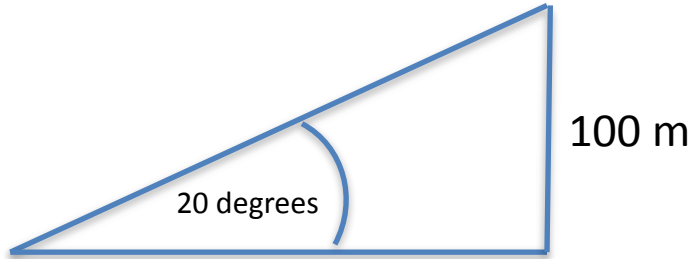


Angle and time of day and location from ALMANAK

<http://www.torbenhermansen.dk/almanak/solhojde/solhojde.php>



$$\begin{aligned}\tan(20) &= 100/L \\ L &= 100/\tan(20) \\ L &= 274 \text{ m}\end{aligned}$$

