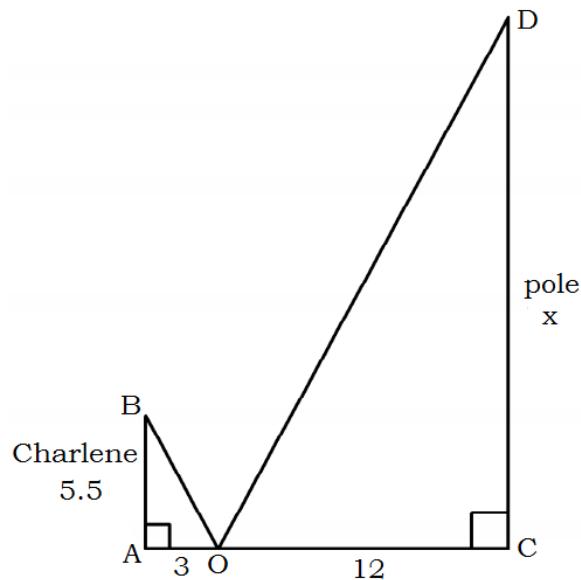


Solution.



We have two similar triangles, where $\angle AOB = \angle COD$ and similarly $\angle ABO = \angle CDO$.

So construct a proportion:

$$\frac{3}{12} = \frac{5.5}{x}$$

Solve for x :

$$x = \frac{5.5 \cdot 12}{3} = 22.0 \text{ (ft)}$$

Answer: $x = 22.0$ ft.