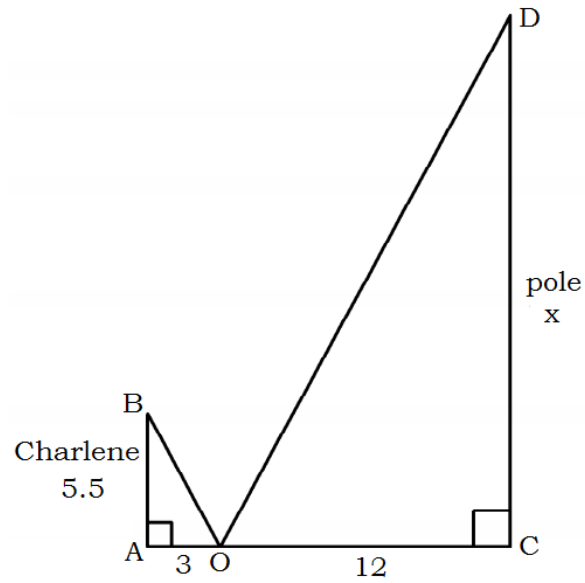


**Solution.**



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.