In the right triangle below $\tan U = \dfrac{8}{15}$.
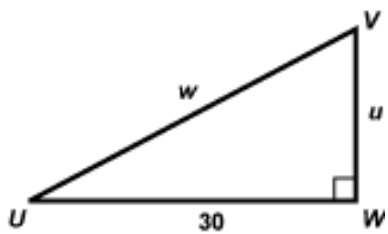

What is the length of the hypotenuse?

The length of the hypotenuse is _____.