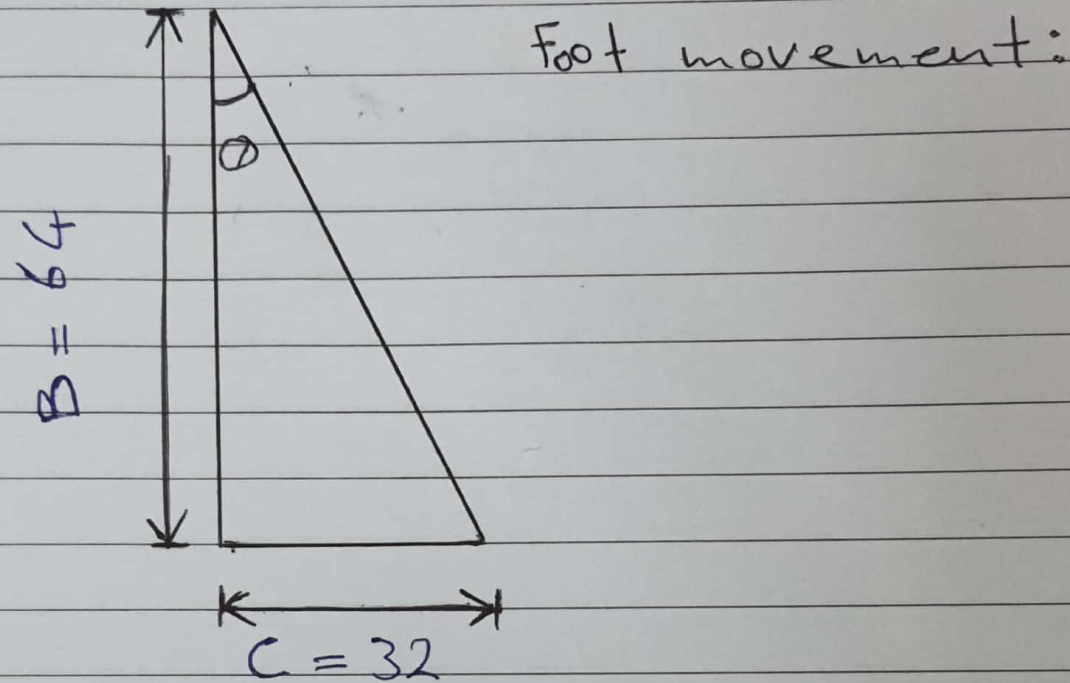


Calculate the maximum angle of the



Assuming: $B = 64$, $C = 32$

Then:

$$\theta = \tan^{-1} \left(\frac{32}{64} \right) = 26.5650$$