







On page (2), we can reason an answer for Vtangential Gr=0.05 meters as follows:

2500 revolutors \* Immute = 41.67 revolutions
minute 60 seconds

So The time for I revolution is  $\frac{1}{41.67}$  revolution

In that time, a point on the rim has completed

one circle, moving a total distance ob 27 => 27 (0.05) => 0.314 meters  We can use translational definitions for velocity:  Speed = distance = 0.314 = 13.11  Time 0.024
This approach, [OR] the one below/page? Will give you correct answers.
Sorry for the post-spring break confusion  Tock solid after the two Hw. problems.  The process is some as before.

Angular	units: degrees, rev	Deting, radians
The state of the s	arb, trary	defined by
360=	Trevolution = 27 rac	lians
* RADIA	NS => ADD when unit	need angular
	minute revolutions x 27 rac Minute revo	lians x Iminute Iction 60 seconds
At	r= 0.05 meters	
	Ytangential = [W = (	582 - 105 mZO. C
		metar. rad. *TOSS  S  Answer.



