

# **EDEXCEL A LEVEL MATHS PAPER 3 2025**

Stat. Mech.

Question STAT.	Answer	Marks
probability tree diagram	yellow = $9/16$ , red = $7/16$ (?)	
	$H_0: p=0$ $H_1: p<0$ $R<p$ so accept $H_1$ ? I think u mention that for the part if the teacher was right about the as rain increases sunlight decreases	that's a diff part I think Was it the $p(x>8)$
	0.287 or maybe that was for binomial	
	Yes as bearings are angles from N	
last stat qs on $P(R=r)$	proof of $k=n(n+1)$ through sum of arithmetic series, probability was 0.10? So what was the probability? Probability was $3/70$	5?

What is T when it is perpendicular to something	$T=20.25?$	

vector qs	-10i+9j or something	
exact distance of OX		
speed or something l and j	3 root 2	
proof of S	Mgtan0	3?
mew = $\frac{1}{3}$ proof		6