How can you find the measure of $\angle 1$, the exterior angle?











NC STATE Animated Contrasting Cases in Geometry

How can you find the measure of $\angle 1$, the exterior angle?



A.6: Exterior Angles

1) What are the similarities and differences between Alex and Morgan's methods?

Similarities	Differences

2) Alex found that the $m \angle 1 = 75^\circ$. Morgan found that the $m \angle 1 = 130^\circ$. Who is correct? Explain your reasoning.



3) Find the measure of $\angle JKM$.



4) Based on the figure, describe what you know about the relationship between angles 1, 3, and 4.





