

Steps to Finding an Epicenter

1. Find the ARRIVAL TIMES. (*hr:min:sec*)
2. DIFFERENCE IN ARRIVAL TIME: S-wave minus P-wave. (*min:sec*)
3. DISTANCE TO EPICENTER: Use a separate piece of paper to mark of the *difference in arrival time* and match this with the S- and P-wave lines. (*km*)
4. Use the distance to find the P-WAVE TRAVEL TIME: Find the distance and follow it up to the P-wave line and over to the time. (*min:sec*)
5. TIME OF ORIGIN: P-wave arrival time minus P-wave travel time = time earthquake occurred. (*min:sec*)