

Name: _____ Period: _____ Date: _____

FINDING AN EARTHQUAKE'S EPICENTER WORKSHEET

Write three city names here →	City 1	City 2	City 3
P-WAVE ARRIVAL TIME (P_a)			
S-WAVE ARRIVAL TIME (S_a)			
DIFFERENCE ($S_a - P_a$) ***not ($P_a - S_a$)!!!			
DISTANCE (km)			
P-WAVE TRAVEL TIME (P_t) (use ESRT & distance)			
ORIGIN TIME OF EARTHQUAKE <u>USING P-WAVES</u> ($P_a - P_t$)			
S-WAVE TRAVEL TIME (S_t) (use ESRT & distance)			
ORIGIN TIME OF EARTHQUAKE <u>USING S-WAVES</u> ($S_a - S_t$)			

WORK AREA: