				19/
Name:			Due:	[176]
		Sa	nd P waves	You need: ESRT pg 11 Scrap paper
1.	P wave arrival: S wave arrival:	9:34:50 pm 9:39:45 pm		
	Time difference:		_	
2.	P wave arrival: S wave arrival:	2:04:25 am 2:08:00 am		
	Time difference:	3	<u>-</u> a	
3.	P wave arrival: S wave arrival:	10:51:20 pm 10:55:30 pm		
	Time difference:		_	
			ISWERS box on the back of at why before going on.	1 1 (/) ne
5.	P wave arrival:	4:36:30 pm		DRAW A checkmark (V) to correct answers. DRAW AN X next to incorrect answers.
	S wave arrival:	4:43:15 pm		DOWN AN X next to
	Time difference:		_	incorrect Answers.
6.	P wave arrival: S wave arrival:	7:24:20 am 7:27:50 am		Mo
	Time difference:		_	
7.	S waves travel	kn	n in 11 minutes 40 seconds.	
8.	P waves travel	kn	n in 9 minutes 40 seconds.	
9.	P waves take	min	sec to travel 8800 km.	

13. The S waves arrived 7 min 20 sec after the P waves. The distance to epicenter is: _____ km

10. P waves take _____min ____ sec to travel 4200 km.

11. S waves take _____min ____ sec to travel 7400 km.

3:41:20 am

3:49:40 am

12. S waves travel _____ km in 17 minutes 00 seconds.

OVER -

P wave arrival:

S wave arrival:

Time difference:

Distance to epicenter:

14.

15	5. P wave arrival: S wave arrival:	11:04:50 am 11:06:30 am	
	Time difference:		
	Distance to epicen	ter:	·
16	6. P wave arrival: S wave arrival:	6:40:40 am 6:47:20 am	
	Time difference:		
	Distance to epicen	ter:	
17	기. Difference in arrival of P and S waves	Distance from epicenter	
18	8. Honors:	<u>.</u>	S waves arrived at the seismic station 5 min 20 sec after the P waves. Find the distance to the epicenter.
19		rave arrival: rave arrival:	01:13:00 pm 01:22:20 pm
	Try to figure this o	out: At what time	e did the earthquake occur?
2			red at a seismic station in Columbus, OH at 12:45:35 pm. er of the quake is 5800 km from Columbus, OH.
	Find the arrival tin	ne of the P waves	3:
	Find the time the	earthquake occur	red:
2	1. Honors :		An earthquake occurred 7600 km from the Sweeney Seismic Station in Madison, WI. The earthquake occurred at 8:26:10 am. At what time did the S waves arrive at this seismic station?
	ANSWERS!		
	1. 4 min 55 sec		
	2. 3 min 35 sec		
:	3. 4 min 10 sec		

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