



Earth Science

Name: _____ Date: _____ Period: _____

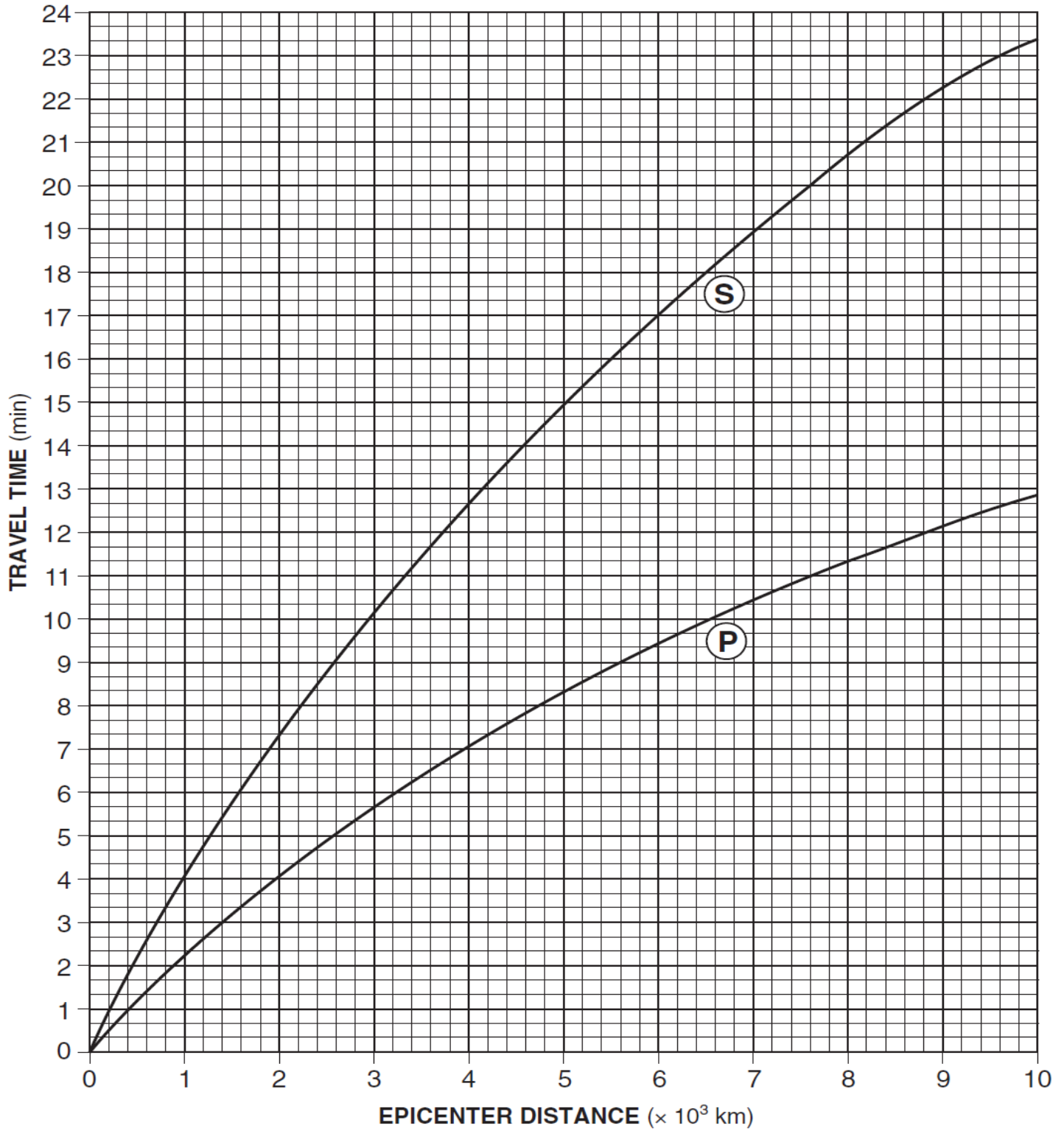
Reference Table Practice: Distance to the Epicenter

Use the Earth Science Reference Tables to complete the following chart:

| Station # | P-Wave Arrival Time (Hr:Min:Sec) | S-Wave Arrival Time (Hr:Min:Sec) | Difference in Time (Min:Sec) | Distance to Epicenter (km) |
|-----------|----------------------------------|----------------------------------|------------------------------|----------------------------|
| 1 | 10:05:10 | 10:10:50 | 5:40 | 4000* |
| 2 | 12:04:20 | 12:07:40 | | |
| 3 | 14:02:40 | 14:06:50 | | |
| 4 | 6:23:10 | 6:30:50 | | |
| 5 | 22:12:00 | 22:18:00 | | |
| 6 | 15:16:10 | 15:24:40 | | |
| 7 | 8:14:10 | 8:15:50 | | |
| 8 | 17:09:00 | 17:18:30 | | |
| 9 | 23:12:20 | 23:16:20 | | |
| 10 | 2:00:40 | 2:08:40 | | |

*Refer to the third page of this packet to see how this answer was obtained.

Earthquake P-Wave and S-Wave Travel Time



Earthquake P-Wave and S-Wave Travel Time

