

中学校 理科 解答用紙

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(1)

The map shows the outline of Japan with several seismic stations marked by dots and labeled with magnitudes: 30, 22, 10, 00, 03, 00, 15, 11, 09, 12, 18, 10, 20, 20, 30, 30. Stations are also labeled with letters and 'x': エ×, オ×, ×ア, ×イ, ×ウ. A box on the right contains the text '震央:' (Epicenter:).

(2) 5 時 分 秒

The seismogram displays waveforms for three stations: 福井 (195 km), 彦根 (134 km), and 大阪 (45 km). The x-axis represents time in seconds (時刻(時:分:秒)) from 5:46:50 to 5:48:00. The y-axis represents distance from the epicenter in km. Key time markers are indicated: 23" for Fukui, 14" for Hikone, 30" for Osaka, and 47" for another point. A vertical line is drawn at 30" on the time axis.

(3)