

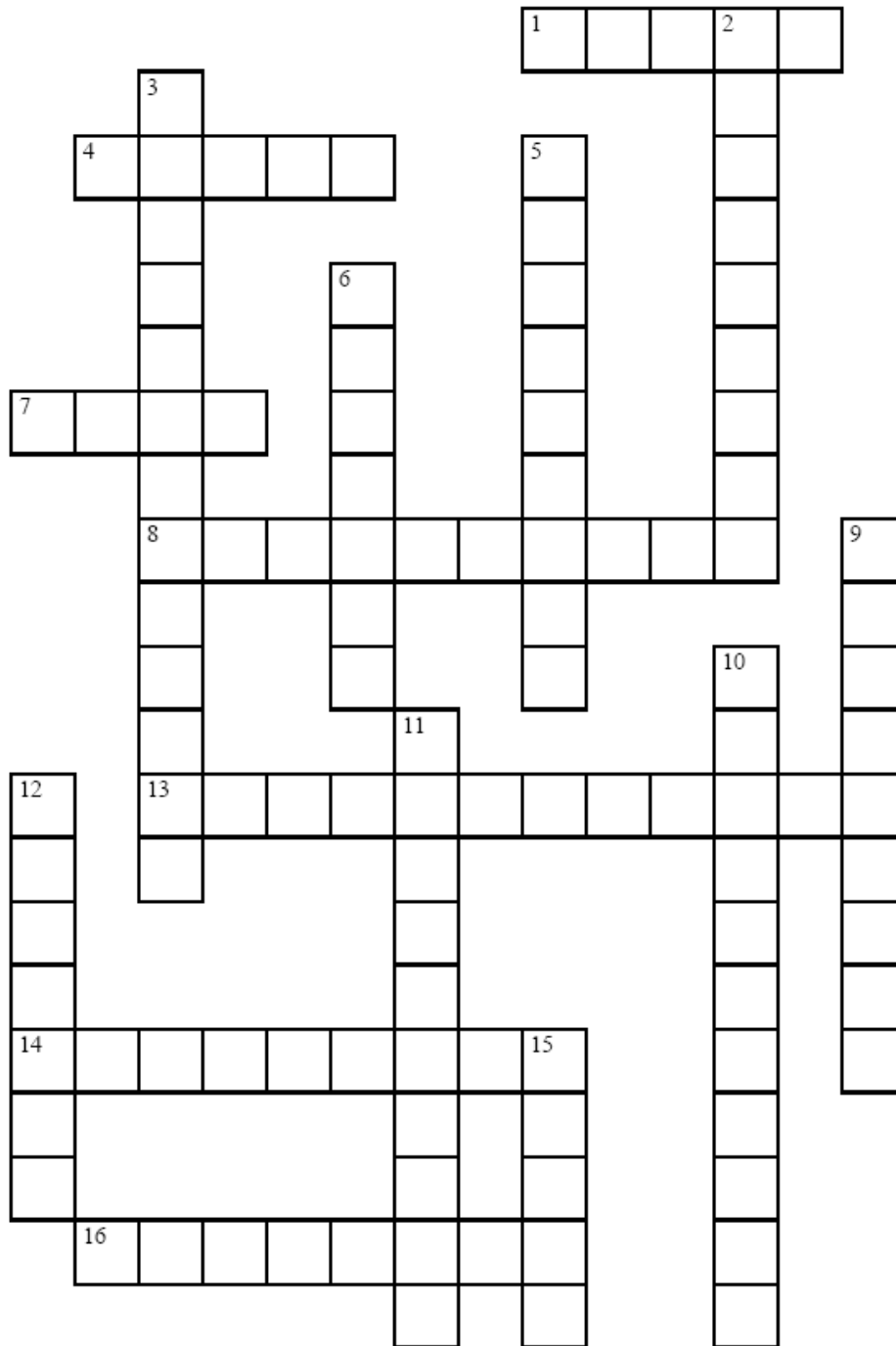


Pacific Earthquake Engineering Research

K-12 Outreach Program
Crossword Puzzle



Use the clues on the next page to solve the crossword puzzle. A list of possible answers can be found in the word bank on the next page. Enjoy!





Pacific Earthquake Engineering Research

K-12 Outreach Program Crossword Puzzle



ACROSS

- 1) The region between faults where earthquakes occur.
- 4) One way structural engineers resist earthquakes is by putting in diagonal pieces called _____. (they look like X's).
- 7) This building material is commonly used in small houses.
- 8) A _____ happens when a fault breaks and causes the ground to shake.
- 13) During an earthquake the ground can lose strength and become very soft, this is called _____.
- 14) Base _____ are used to make the building shake less during an earthquake, they let the building move independently of the ground.
- 16) This building material is a mixture of sand, rocks, water, and cement.

DOWN

- 2) A mountain side that moves downhill during an earthquake is called a _____.
- 3) In order to protect yourself during an earthquake it is important to follow these three steps: _____, _____, and _____.
- 5) A measurement of how much energy an earthquake releases.
- 6) When a material breaks really fast without bending (like a pretzel), it is called _____.
- 9) People who design buildings to resist earthquakes are called structural _____.
- 10) An instrument used to measure the vibrations in the ground during an earthquake.
- 11) When engineers add steel to concrete they call it _____ concrete.
- 12) When a materials bends a lot before breaking (like a paper clip), it is called _____.
- 15) This building material is the most common metal used in construction.

Word Bank

braces drop,cover,hold engineers landslide reinforced wood	brittle ductile fault liquefaction seismograph	concrete earthquake isolators magnitude steel
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