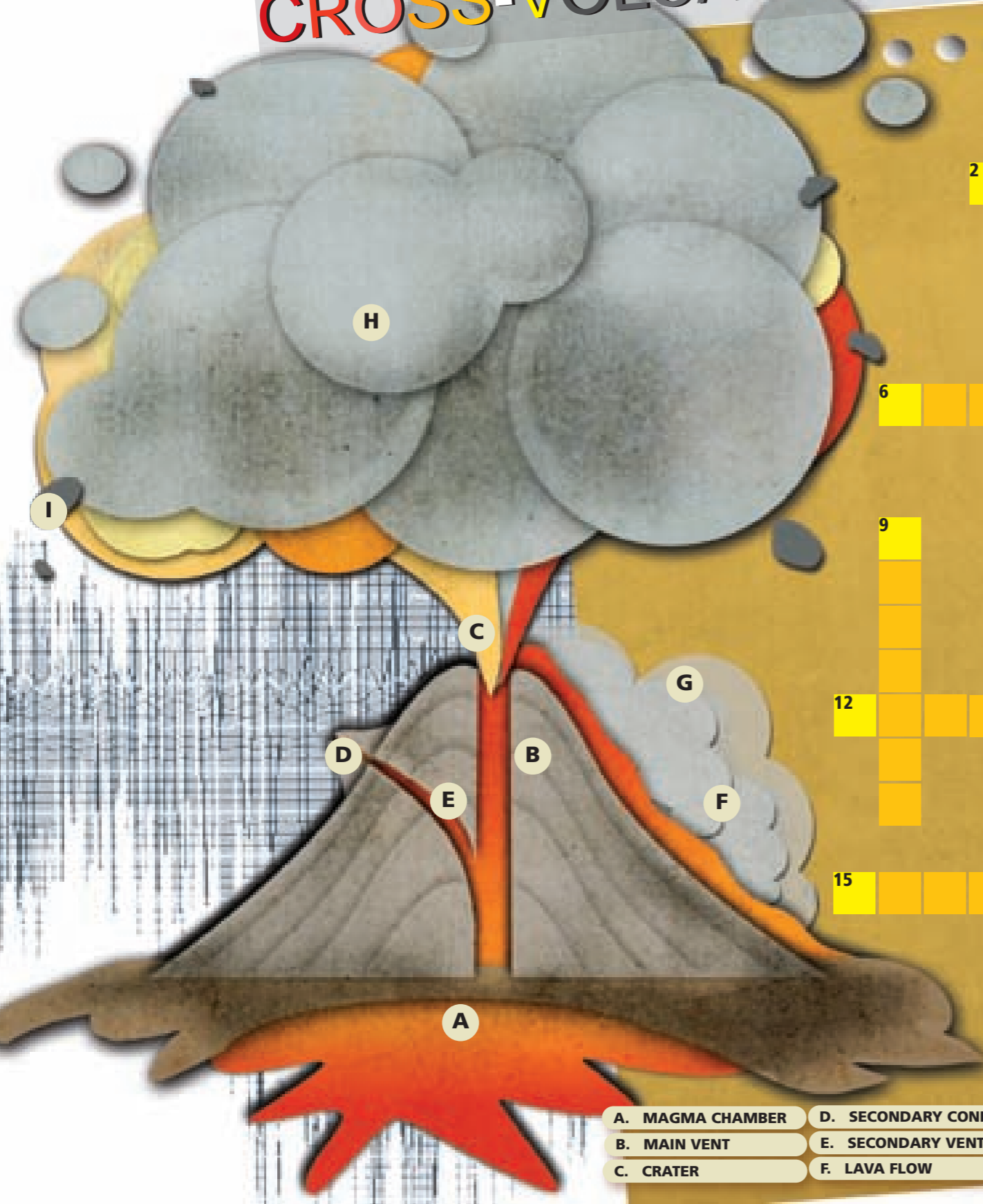


# CROSS-VOLCANIC...



- A. MAGMA CHAMBER      D. SECONDARY CONE      G. PYROCLASTIC FLOW
- B. MAIN VENT          E. SECONDARY VENT      H. ASH CLOUD
- C. CRATER              F. LAVA FLOW            I. VOLCANIC BOMB



■ **Death trap for dinosaurs?:** The Deccan Traps are a set of lava beds in the Deccan Plateau region of what is now India that cover an area of about 1.5 million square km. The lava beds were laid down in a series of colossal volcanic eruptions that occurred between 63 million and 67 million years ago. The timing of the eruptions roughly coincides with the disappearance of the dinosaurs.



■ **Big Bang :** Geologists think that Thera, on the island of Santorini in the Aegean Sea, that exploded some time between 1645 BC to 1500 BC, released energy equivalent to several hundred atomic bombs, in a fraction of a second. Though there are no written records of the eruption, experts believe it to be the strongest explosion ever witnessed.

## ACROSS

- 2. Molten rock that is found beneath the earth's surface
- 4. Mountains formed from the build-up of volcanic lava often take this shape
- 5. A type of volcano with broad, gentle slopes and built by the eruption of fluid basalt lava.
- 6. An opening or crack in the earth's surface through which lava flows.
- 12. It is the only confirmed active volcano in South Asia, located in the Andaman Sea.
- 15. Large ocean wave created by undersea earthquakes or volcanic eruptions
- 16. A volcano that has not erupted recently, but may do so in the future.

- D  
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N**
- 1. The most active volcanoes Kelut and Merapi are on this island which has been responsible for thousands of deaths in Indonesia.
  - 3. A volcano that is erupting or has erupted recently.
  - 7. The zone of earthquakes and volcanoes surrounding the Pacific Ocean.
  - 8. 1883 volcanic eruption in Southeast Asia that killed 36,000 people.
  - 9. A vent at the earth's surface through which magma and gases erupt.
  - 10. It is largest volcanic lake in the world, located in the middle of the northern part of the Indonesian island of Sumatra.
  - 11. The geography of this South Asian country is dominated by volcanoes that are formed due to subduction zones between the Eurasian plate and the Indo-Australian plate.
  - 13. Molten rock that erupts from volcanoes.
  - 14. A volcano that will not erupt again.

For answers check next issue