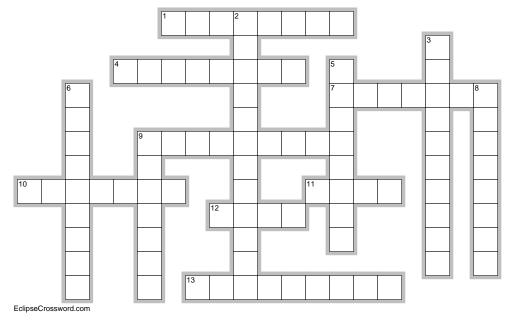
Nuclear Reactors Crossword

By ausclassroom.com

Name: Class:



Across

- 1. Steam from a nuclear reactor turns these to make power. (8)
- 4. The longer the of radioactive material, the more dangerous it is. (4, 4)
- 7. Material based on this element is found in nuclear reactors. (7)
- 9. Nuclear power plant in Ukraine where in 1986 a major accident caused a huge radiation cloud to spread across Europe. (9)
- 10. A nuclear relies on fission (splitting of atoms) to create heat that in turn boils water to create steam for making power. (7)
- 11. Melting of this part of a nuclear reactor can lead to disaster if no water is available. (4)
- 12. The half-life of lodine-131 is about eight(4)
- 13. Island is a nuclear power plant in the U.S. where in 1979 a major accident occurred but only a small amount of radioactive gases escaped. (5, 4)

Down

- 2. What do making a cup of coffee or tea and using nuclear fission to make power both have in common? (7, 5)
- 3. A nuclear reactor is enclosed in a containment building made of concrete. (10)
- 5. Nuclear reactors contain thousands of these. (4, 4)
- 6. A sievert and a millisievert are units of measurement for the dosage (amount) of received by a person. (9)
- 8. The presence of the radioactive element, lodine-131, indicates that a partial or worse has occurred. (8)
- 9. Continual of the core of a nuclear reactor is essential to prevent a major accident. (7)

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