Renewable and Nonrenewable Resources

Grade 4 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. Why is natural gas called a fossil fuel?
   it comes from wind blowing over the sea
   it formed from tiny sea living things buried long ago
   it is made in factories from air
   it forms each year in rain clouds

2. Why might a town far from rivers not use hydropower?
   it has too much wind for a dam
   it has no coal mines to run a dam
   it has no moving water to turn turbines
   it has too much sunlight for a dam

3. A town cuts down a forest for firewood and does not replant. What happens to this resource?
   it is replaced faster than it is used
   it turns into a nonrenewable mineral
   it becomes a fossil fuel right away
   it is used up faster than it is replaced

4. A dam makes clean electricity but floods a valley. Which tradeoff does this describe?
   no habitats lost, but lots of smoke
   cheap fuel, but it runs out fast
   lots of smoke, but no flooding
   renewable energy, but habitats are lost under water

5. A school wants to burn less natural gas for heat. Which plan works?
   heat empty rooms all weekend
   turn the heat higher at night
   open the windows while the heat is on
   seal the gaps around windows and doors

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Answer Key - Grade 4 Science Worksheet - Challenge Me

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