

BRAIN TWISTERS

1. Jessie saved more energy than Michael.
Michael saved more energy than Maggie.
Maggie saved less energy than Jessie.
Karen saved more energy than Jessie.

List the kids' names in order of how much energy they saved, least to most:

- Jessie, Karen, Maggie, Michael
 - Maggie, Michael, Jessie, Karen
 - Michael, Jessie, Maggie, Karen
 - Maggie, Karen, Michael, Jessie
2. The Maher family used 57,000 gallons of water a year, costing them \$525 to heat. Estimate how much money they would save in a year if they cut their water use by 30,820 gallons.
 - \$100
 - \$240
 - \$284
 - \$525
 3. If each person in a house uses a 60-watt bulb in his bedroom four hours a day, and there are three people living there, how many watts will be used per day?
 - 20 watts
 - 240 watts
 - 650 watts
 - 720 watts
 4. For every 10 degrees the water heater setting is turned down, you can save 6 percent of the energy used. If Charles turns his water heater down by 15 degrees, about what percent savings in energy will he save?
 - 6 percent
 - 9 percent
 - 12 percent
 - 15 percent