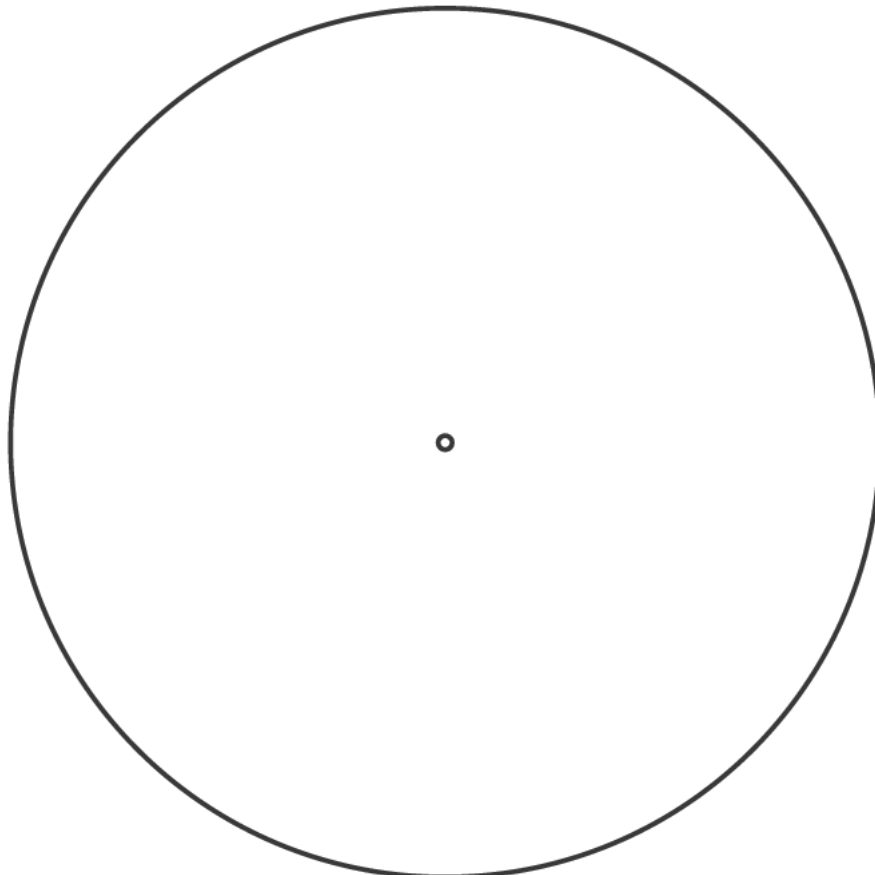




Renewables and Nonrenewables

Convert the quads into percentages and make a pie chart showing how much U.S. energy in 2009 came from renewable sources and how much came from nonrenewable sources. Round to the nearest tenth.
(Q = quad or quadrillion British thermal units)
















| | | |
|------------------------------------|----------------|------------------|
| Petroleum | 34.49 Q | = _____ % |
| Natural Gas | 23.36 Q | = _____ % |
| Coal | 19.76 Q | = _____ % |
| Uranium | 8.35 Q | = _____ % |
| Biomass | 3.88 Q | = _____ % |
| Hydropower | 2.68 Q | = _____ % |
| Geothermal, Solar, and Wind | 1.18 Q | = _____ % |
| Propane | 1.0 Q | = _____ % |





How We Use Our Energy Sources

In the boxes, number the main uses of each energy source from 1 to 5 with 1 as the most important use. Some sources may be used in only one or two ways.

| |  TRANSPORTATION |  MAKE PRODUCTS |  HEATING/COOLING |  LIGHTING |  MAKE ELECTRICITY |
|---|---|--|--|---|---|
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |



Energy Source Puzzle

By a process of elimination, fill in the blank squares so that each large square contains one of each energy source icon, using the letters that represent the icons as shown at the bottom of the puzzle. Each row and each column must also contain one of each icon. There is only one possible solution to the puzzle.

| | | | | | | | | |
|------------------------|--|--|--|--|------------------------|--|--|------------------------|
| | | | | | | | | U²³⁵ |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | U²³⁵ | | | |
| | | | | | | | | |
| | | | | | | | | |
| U²³⁵ | | | | | | | | |



B



U



W



H



P



N



S



C



G