

Topic	Math	Math	Math
Question	<p>Multiple Choice: A hair dryer is rated at 1,200 watts. If you use the dryer for 0.25 hours, how much electric energy did you use?</p> <p>A. 300 B. 30 C. 250 D. 3,000</p>	<p>Convert between temperature scales. Convert 40° Celsius to Fahrenheit.</p> <p>A. 84 B. 124 C. 104 D. 204</p>	<p>A family uses 1,000 kWh of electric energy in a month. If the power company charges \$0.10 per kilowatt hour, what is the total electric energy bill for the month?</p> <p>A. \$50 B. \$100 C. \$1,000 D. \$1,100</p>
Answer	<p>A. 300 Watts per hour.</p>	<p>C. 104 degrees Farenheit.</p>	<p>B. \$100 for the month.</p>

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<p>An electric water heater is rated at 5,500 watts and operates for 100 hours per moth. How much electric energy in kWh does the water heater use each month?</p> <p>A. 550,000 B. 500,000 C. 555,000 D. 555,500</p>	<p>Approximately 72 % of the nation’s 115.8 million housing units are heated by natural gas. To the nearest million, how many housing units in the nation are heated by natural gas?</p> <p>A. 85 million B. 86 million C. 83 million D. 87 million</p>	<p>Today’s power plants convert about one-third of the energy stored in fuels into electricity. Most of the energy is transformed into heat rather than electricity. A certain electric power plant consumes 360 units of energy every day. How many units of electricity would the plant actually generate in a day?</p> <p>A.360 units B.140 units C.120 units</p>	<p>The United States consumes about 20.8 million barrels of petroleum a day. Gasoline, the number one product produced by the refining of petroleum, consumes 9.3 million barrels of the petroleum. To the nearest full percent, calculate the percentage of petroleum that is refined into gasoline.</p>
<p>A. 550,000 kWh.</p>	<p>C. 83 million.</p>	<p>C. 120 units.</p>	<p>45%</p>

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<p>The United States imports two-thirds of its petroleum from other countries. The average daily import is 14.5 million barrels. How many barrels of petroleum would the nation import during an average month (30 days)?</p>	<p>What voltage is used to operate most household appliances? A. 60 volts B. 120 volts C. 100 volts D. 200 volts</p>		
<p>290 million barrels.</p>	<p>B. 120 volts.</p>		

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