

Tamworth Electricity Bill Computation  
Ethan Bolker and Maura Mast, for *Common Sense Mathematics*

**Cost of electricity**  
**0.0735 (pounds/kWh)**  
**the slope**  
**Fixed cost**  
**9.49 (quarterly, in pounds)**  
**the intercept**

<b>electricity used</b>	<b>total bill</b>
<b>(kWh)</b>	<b>(pounds)</b>
<b>0</b>	<b>9.49</b>
<b>471</b>	<b>44.11</b>
<b>100</b>	<b>16.84</b>
<b>355</b>	<b>35.58</b>
<b>927</b>	<b>77.62</b>