

60 w bulb and run it for 8 hrs so how much energy is used during that time?

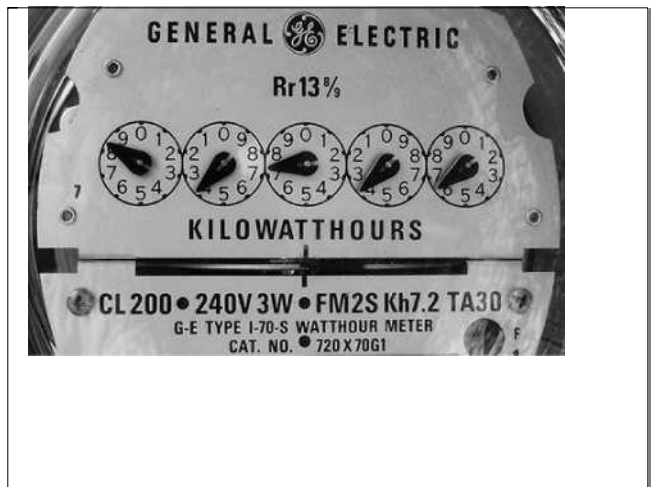
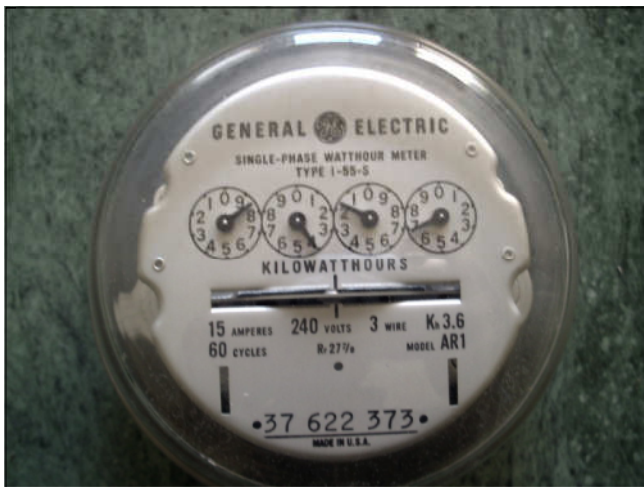
$$E = P \cdot t$$
$$60W \cdot 8hr = 480W\text{hr}$$

If we had 10 100w bulbs on for an hour, that equals a Kw-hr

1000 W-hr.

$$1 \text{ Kw-hr} = 1000 \text{ W-hr}$$

last problem 1 60 w bulb for 10 hr = 600 W-hr Kw-hr

$$\frac{600 \text{ W-hr}}{1} \left(\frac{1 \text{ Kw-hr}}{1000 \text{ W-hr}} \right) = .6 \text{ Kw-hr}$$


TV	80w	80w
Lights	4 x 60w	240w
Lava lamps	2 x 35w	70w
Game	10w	110w
fan x 2	70w	70w
		570w
6 hrs		
$570w \times 6hr = 3420Whr$		
$= 3.42 Kwhr$		
$3.42 Kwhr \times \frac{14c}{Kwhr} = 42¢$		

Your utility bill is \$260 but \$40 is for water and \$15 is sewage \$205 at \$.14/Kwhr

How many Kwhr used that month?

Cost = Kwhr \times \$.14/Kwhr

$\frac{\$205}{\$.14} = 1464.29 \text{ Kwhr}$