

Calculating the cost of electricity

Worksheet 1

Complete the table by working out and completing the kWh column

Remember!

You must divide the Watts per hour by 1000 to find the kWh.

From here, you will be able to work out how much each item/product costs to run per hour. This should be calculated in p.

Today, we
will be using
an average price
of 1kWh = 15p
to calculate cost.

Item in the house	Watts used per hour	kWh	Final Cost Calculation
LED light bulb	7W		
Clock radio	1W		
Clothes dryer	2000W		
Coffee maker	800W		
Desktop computer	300W		
Dishwasher	1200W		
Electric kettle	1200W		
Fridge/Freezer	200W		
Games console	120W		
Hairdryer	1800W		
Home internet router	10W		
Microwave	800W		
Oven	2150W		
Power shower	9000W		
Smart phone charger	8W		
Tablet computer	7W		
Toaster	800W		
Vacuum cleaner	400W		
Washing machine	1200W		
42inch colour TV	270W		

