


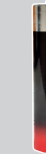


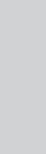
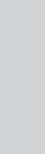
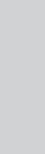
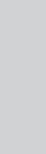
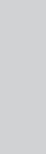
















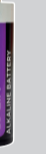









# TEST ON ASSIGNMENT

## Batteries

Alkaline (non-rechargeable)  
AA (LR6), 1.5 V

											
	Duracell Ultra Power	Varta Max Tech	Duracell Plus Power	Aerocell Lidl	Varta High Energy	Clas Ohlson	Power Ultra BR	GP Ultra +	Energizer ECO advanced	Sony Stamina Platinum	Panasonic Evolta
Approximate price per battery (euro)	1,60	1,48	1,26	0,43	1,12	0,75	1,00	1,38	1,48	0,98	1,50
Ecolabel											
<b>Readings from the test</b>											
<b>Very low power consumption (e.g. clock, fire alarm)</b> Lifespan in hours	105,6	95,7	100,7	96,3	96,1	95,3	95,0	92,3	93,8	94,7	95,7
<b>Low power consumption (e.g. remote control, mouse)</b> Lifespan in hours	55,4	49,8	51,9	49,5	49,2	49,4	49,0	48,4	49,5	49,7	49,0
<b>Low to medium power consumption (e.g. games console, walkie talkie)</b> Lifespan in hours	28,9	26,1	26,4	25,2	25,2	25,1	25,5	24,5	25,2	24,1	25,5
<b>Medium power consumption (e.g. battery-operated toy, portable speaker)</b> Lifespan in hours	9,0	8,5	8,3	8,4	8,2	7,9	8,0	8,3	7,7	8,2	7,8
<b>High power consumption (e.g. electric toothbrush, LED torch)</b> Lifespan in hours	4,4	4,4	4,0	4,3	4,2	4,3	4,2	4,1	4,1	3,9	3,8
<b>Test result rating 1 to 5 where 5 is best (weighting in overall rating in parentheses)</b>											
Capacity at very low power consumption (20%)	5,0	4,3	4,7	4,4	4,3	4,3	4,3	4,0	4,2	4,3	4,3
Capacity at low power consumption (20%)	5,0	4,3	4,5	4,2	4,2	4,2	4,2	4,1	4,2	4,2	4,2
Capacity at low to medium power consumption (20%)	5,0	4,4	4,5	4,2	4,3	4,2	4,3	4,1	4,3	4,0	4,3
Capacity at medium power consumption (20%)	5,0	4,6	4,4	4,5	4,3	4,1	4,2	4,4	3,9	4,4	4,0
Capacity at high power consumption (20%)	5,0	4,9	4,3	4,7	4,7	4,8	4,7	4,5	4,4	4,1	4,1
<b>Overall rating</b>	<b>5,0</b>	<b>4,5</b>	<b>4,5</b>	<b>4,4</b>	<b>4,4</b>	<b>4,3</b>	<b>4,3</b>	<b>4,2</b>	<b>4,2</b>	<b>4,2</b>	<b>4,2</b>
<b>Comments</b>	<b>Best in test.</b>	<b>Very good capacity.</b>	<b>Very good capacity at low to medium power consumption.</b>	<b>Good value. Very good capacity at medium to high power consumption.</b>	<b>Very good capacity at high power consumption.</b>	<b>Good value. Very good capacity at high power consumption.</b>	<b>Very good capacity at high power consumption.</b>	<b>Good capacity.</b>	<b>Good capacity.</b>	<b>Good capacity.</b>	<b>Good capacity.</b>

												
	Energizer HighTech	Energizer Ultra +	Coop Tero Power Premium +	IKEA Alkaline	Biltema	AA Super Alkaline Extra Life (Siba/Netonnet)	Anderson	Philips Ultra Alkaline (Extreme Power)	Panasonic Pro Power	Logik Elgiganten	Philips Power Alkaline	GP Ultra
Approximate price per battery (euro)	1,48	0,98	0,97	0,20	0,35	0,25	0,31	1,23	1,25	0,74	0,98	1,23
Ecolabel												
<b>Readings from the test</b>												
<b>Very low power consumption (e.g. clock, fire alarm)</b> Lifespan in hours	93,2	90,6	88,2	92,3	94,0	92,3	89,7	90,1	89,7	88,7	89,8	89,3
<b>Low power consumption (e.g. remote control, mouse)</b> Lifespan in hours	49,1	46,3	45,6	45,5	47,1	44,5	44,9	45,5	46,9	44,8	44,7	44,3
<b>Low to medium power consumption (e.g. games console, walkie talkie)</b> Lifespan in hours	24,5	24,4	23,5	22,9	23,7	22,8	22,6	21,9	22,2	21,6	22,1	22,1
<b>Medium power consumption (e.g. battery-operated toy, portable speaker)</b> Lifespan in hours	7,7	7,9	7,7	7,6	7,8	7,4	7,4	7,1	5,9	7,3	7,4	7,1
<b>High power consumption (e.g. electric toothbrush, LED torch)</b> Lifespan in hours	4,1	4,0	3,9	3,8	3,4	3,6	3,6	3,4	3,7	3,3	3,1	3,1
<b>Test result rating 1 to 5 where 5 is best (weighting in overall rating in parentheses)</b>												
Capacity at very low power consumption (20%)	4,2	4,0	3,8	4,1	4,2	4,1	3,9	3,9	3,9	3,8	3,9	3,9
Capacity at low power consumption (20%)	4,2	3,8	3,7	3,7	3,9	3,5	3,6	3,7	3,9	3,6	3,6	3,5
Capacity at low to medium power consumption (20%)	4,1	4,1	3,9	3,8	3,9	3,8	3,7	3,6	3,6	3,5	3,6	3,6
Capacity at medium power consumption (20%)	3,9	4,1	4,0	3,9	4,0	3,7	3,7	3,5	2,5	3,6	3,7	3,5
Capacity at high power consumption (20%)	4,4	4,4	4,1	4,0	3,3	3,7	3,7	3,4	3,8	3,1	2,9	2,9
<b>Overall rating</b>	<b>4,2</b>	<b>4,1</b>	<b>3,9</b>	<b>3,9</b>	<b>3,9</b>	<b>3,8</b>	<b>3,7</b>	<b>3,6</b>	<b>3,6</b>	<b>3,5</b>	<b>3,5</b>	<b>3,5</b>
<b>Comments</b>	<b>Good capacity.</b>	<b>Good capacity.</b>	<b>Intermediate.</b>	<b>Intermediate.</b>	<b>Good capacity at low to medium power consumption but inferior at high consumption.</b>	<b>Intermediate.</b>	<b>Intermediate.</b>	<b>Intermediate.</b>	<b>Poor capacity at medium power consumption.</b>	<b>Worse capacity at high power consumption.</b>	<b>Poor capacity at high power consumption.</b>	<b>Poor capacity at high power consumption.</b>