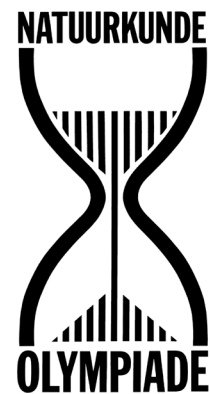


# NATUURKUNDE OLYMPIADE 2023

## 1<sup>e</sup> RONDE ANTWOORDEN



1	$6,0 \cdot 10^3 \text{ kWh} < E < 8,0 \cdot 10^3 \text{ kWh}$
2	$80 \text{ W} < P < 90 \text{ W}$
3	D
4	2 (lampjes)
5	$2,3 \text{ m/s}^2 < a < 2,6 \text{ m/s}^2$
6	C
7	$230 \text{ hPa} < p < 240 \text{ hPa}$
8	B
9	B
10	$2,0 \text{ m/s} < v < 2,2 \text{ m/s}$
11	$0,59 \text{ m/s}^2 < a < 0,61 \text{ m/s}^2$
12	C
13	$9,5 \text{ V} < U < 10,5 \text{ V}$
14	B
15	D
16	C
17	A
18	D
19	D
20	A + B + C
21	D
22	A + C
23	B + C
24	A + C + D
25	$0,50 \Omega < R < 0,70 \Omega$