

REŠITVE**1. NALOGA**

- 1.1 Askorbinska kislina je označena s črko: A. 1,0 T
Paracetamol je označen s črko: B. 1,0 T
Saharozna je označena s črko: C. 1,0 T
1.2 4,76 g 1,0 T **Skupaj: 4,0 T**
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2. NALOGA

- 2.1 $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$ 1,0 T
2.2 10 orbital 1,0 T
2.3 K_2S 1,0 T **Skupaj: 3,0 T**
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3. NALOGA

- a, b 2 x 1,0 T **Skupaj: 2,0 T**
(Za vsak napačen odgovor se odšteje 1 T, manj kot 0 T ne moremo dodeliti.)
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4. NALOGA

- 4.1 aluminij 1,0 T
4.2 kisik 1,0 T
4.3 neon 1,0 T
4.4 brom 1,0 T **Skupaj: 4,0 T**
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5. NALOGA

- 5.1 $SrTiO_3$ 1,0 T
5.2 En oksidni ion na sredini izmed robov osnovne celice 1,0 T **Skupaj: 2,0 T**
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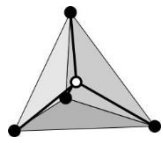
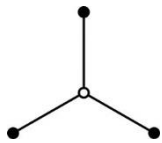
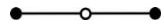
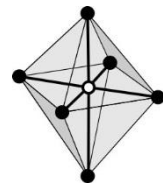
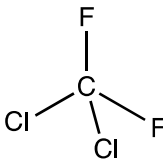
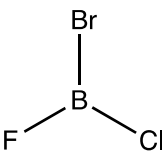
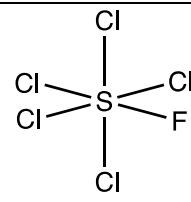
6. NALOGA

- 6.1 polarna kovalentna vez 1,0 T
6.2 72 protonov 1,0 T
6.3 disperzijske sile/vezi 1,0 T **Skupaj: 3,0 T**
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7. NALOGA

- c, d 2 x 1,0 T **Skupaj: 2,0 T**
(Za vsak napačen odgovor se odšteje 1 T, manj kot 0 T ne moremo dodeliti.)
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8. NALOGA

Struktura				
Ime oblike molekule	tetraedrična	trikotno planarna	linearna	oktaedrična
Strukturna formula spojine			$\text{Cl}-\text{Be}-\text{Cl}$	

*(Pravilno napisano ime in strukturna formula 2 T) 4 x 2,0 T***Skupaj: 8,0 T****9. NALOGA**9.1 $m(\text{N}) = 0,02885 \text{ g}$ 1,0 T9.2 $\text{C}_4\text{H}_5\text{N}_2\text{O}$ 1,0 T**Skupaj: 2,0 T****10. NALOGA**

10.1 model A: diamant; model B: grafit

2 x 1,0 T

10.2 C_{70}

1,0 T

Skupaj: 3,0 T**Vse skupaj: 33,0 T**