

REŠITVE**1. NALOGA**

| | | | |
|-----|--|-----|--------------------|
| 1.1 | Krom: 5,0 g; železo: 10,0 g; neznani element: 2,0 g. | 3 T | |
| 1.2 | Jod | 1 T | |
| 1.3 | Sublimacija | 1 T | |
| 1.4 | Masni odstotek kroma: 29 %. | 1 T | Skupaj: 6 T |

2. NALOGA

| | | | |
|-----|----------------------------------|-----|--------------------|
| 2.1 | klor < žveplo < aluminij < kalij | 2 T | |
| 2.2 | Formula delca: S^{2-} | 1 T | |
| | Ime delca: sulfidni ion | 1 T | |
| 2.3 | Kalijev, 6, aluminijev | 1 T | |
| | Kalijev, 8, aluminijev | 1 T | Skupaj: 6 T |

3. NALOGA

| | | | |
|-----|--|-----|--------------------|
| 3.1 | $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^5$ | 1 T | |
| 3.2 | Brom | 1 T | |
| 3.3 | 8 | 1 T | |
| 3.4 | $MgBr_2$ | 1 T | Skupaj: 4 T |

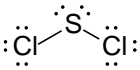
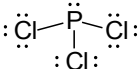
4. NALOGA

| | | | |
|-----|----|-----|--------------------|
| 4.1 | C | 1 T | |
| 4.2 | 9 | 1 T | |
| 4.3 | 14 | 1 T | Skupaj: 3 T |

5. NALOGA

| | | | |
|-----|------------------------|-----|--------------------|
| 5.1 | I_2O_5 | 1 T | |
| 5.2 | Jodov(V) oksid | 1 T | |
| 5.3 | Število protonov: 146 | 1 T | |
| | Število nevtronov: 190 | 1 T | |
| 5.4 | Kovalentna polarna vez | 1 T | Skupaj: 5 T |

6. NALOGA

| | | | | |
|-----|---|---|-----|--------------------|
| 6.1 | Strukturna formula SCl ₂ |  | 1 T | |
| | Strukturna formula PCl ₃ |  | 1 T | |
| 6.2 | Oblika molekule SCl ₂ : Kotna oblika | | 1 T | |
| | Oblika molekule PCl ₃ : Piramidalna oblika | | 1 T | |
| 6.3 | Strupeno | | 1 T | Skupaj: 5 T |

7. NALOGA

| | | | |
|-----|----------|-----|--------------------|
| 7.1 | Kisik | 1 T | |
| 7.2 | Argon | 1 T | |
| 7.3 | Aluminij | 1 T | Skupaj: 3 T |

8. NALOGA

| | | | |
|-----|--|---------|--------------------|
| 8.1 | A: N ₂ , B: N ₂ O, C: C ₂ H ₅ OH, D: LiF | 4 x 1 T | |
| 8.2 | Vodikova vez. | 1 T | |
| 8.3 | Litijev fluorid. (Zahteva se ime spojine.) | 1 T | |
| 8.4 | Snov je ionska. / Med delci so močne ionske vezi. | 1 T | Skupaj: 7 T |

9. NALOGA

| | | | |
|-----|------------------------------------|-----|--------------------|
| 9.1 | klor < ozon < beli fosfor < žveplo | 1 T | |
| 9.2 | Ime spojine: vodikov sulfid | 1 T | |
| | Formula spojine: H ₂ S | 1 T | |
| 9.3 | Metan. | 1 T | Skupaj: 4 T |

10. NALOGA

| | | | |
|------|--------------------|-----|--------------------|
| 10.1 | SiO ₂ | 1 T | |
| 10.2 | Kovalentni kristal | 1 T | |
| 10.3 | Tetraedrična | 1 T | |
| 10.4 | B | 1 T | Skupaj: 4 T |

Vse skupaj: 47 T