

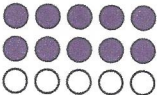
Znanje je bogastvo IV

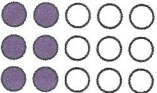
1. a) $8^4 = 4096$
 b) $3^5 = 243$
 c) $6^3 = 216$
 č) $2^7 = 128$
2. a) $7 \cdot 7 \cdot 7 = 343$
 b) $5 \cdot 5 \cdot 5 \cdot 5 = 625$
 c) $6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 = 7776$
 č) $2 \cdot 2 = 4$
 d) $1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 = 1$
3. a) $3 \cdot 10^4 + 2 \cdot 10^3 + 4 \cdot 10^2 + 5 \cdot 10 + 6$
 b) $6 \cdot 10^4 + 5 \cdot 10^3 + 4 \cdot 10^2 + 0 \cdot 10 + 2$
 c) $7 \cdot 10^4 + 6 \cdot 10^3 + 3 \cdot 10^2 + 2 \cdot 10 + 4$
 č) $9 \cdot 10^3 + 8 \cdot 10^2 + 7 \cdot 10 + 2$
4. a) 105 b) 790 c) 177

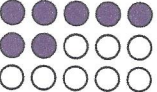
5.

b	10	327	932	437
$763 + b$	773	1090	1695	1200
$28 \cdot b - 235$	45	8921	25 861	12 001

6. a) $x = 215$
 b) $x = 7757$
 c) $x = 1293$
7. $R = \{1, 2, 3, 4, 5, 6\}$

8. a) 

b) 

c) 

9.

a) $\frac{12}{25}$ b) $\frac{3}{25}$

10. R: $\frac{2}{3}$ od 33 = $(33 : 3) \cdot 2 = 22$

O: Prehodil je 22 km, pretekel pa 11 km.

11. R: $\frac{3}{5}$ od 95 = $(95 : 5) \cdot 3 =$
 $= 57, 95 - 57 = 38$

O: V prvem nadstropju je 57 živali, v drugem 38.

12. a) 27 b) 28 c) 63
13. a) 653 č) 365 f) 256
 b) 423 d) 635 g) 2164
 c) 569 e) 959 h) 352