**8. razred
Kvadriranje i potenciranje**

|  |  |  |  |
| --- | --- | --- | --- |
| N | ZADATAK | RJEŠENJE | SLOVO |
| 1 | (-2)2 - 22 | -2 | B |
| 2 | -22 : (-2)2 - 22 · 2 | 1018 | Š |
| 3 | -22 - (-2)2 | -$\frac{15}{64}$a2 | Ć |
| 4 | -22 - 22 + 22 | 0 | E |
| 5 | -22 + (-2)2 – 2  | 20.00001 | Đ |
| 6 | $\frac{ 1^{2}}{2}$ · $\frac{1}{ 2^{2}}$ · 23 | 1030 | A |
| 7 | 22 · 42 · 52 · 252 | a3 | G |
| 8 | 0.42 · 0.52 · 42 | a-5 | U |
| 9 | (10 : $\frac{1}{4}$)2 | 0.64 | DŽ |
| 10 | (2a)2 : (7a)2 | -9 | H |
| 11 | 2.4 · 103 + 7.6 ·103 | 39 · 104 | C |
| 12 | 105 : 108 · 10-3 | 10-12 | LJ |
| 13 | ((10-3)-2)-2 | 0.007 | M |
| 14 | 332 - 132 | -8 | V |
| 15 | 5.004 · 10-5 | 1600070 | D |
| 16 | 5.7 · 103 – 3.5 · 103 +103 | 0.0001 | T |
| 17 | 105 · 16.0007 | 105 | S |
| 18 | (-10)2n + 6 : (-10)-2n - 6 | 1000 | F |
| 19 | $\frac{10^{31}}{10^{27}}·$10-2 | 0.00005004 | R |
| 20 | 10-16 : 10-19 | 1 | I |
| 21 | (0.18 : 0.16)2 | 3200 | P |
| 22 | (-0.1)6 · 1011 | 10-6 | NJ |
| 23 | 3 ·0.001 + 3·$\frac{1}{ 10^{3}}$ + 10-3 | 106 | Z |
| 24 | 13 · 104 + 13 · 0.1-4 + 13·($\frac{1}{10}$)-4 | (-10)4n+12 | L |
| 25 | a3 · a-3 · a-5 | 100 | Ž |
| 26 | -a3 + $\frac{1}{2}$a3 + 1.5a3 | 1600 | Č |
| 27 | ($\frac{3a}{8}$)2 - $\frac{3}{8}$a2 | $$\frac{4}{49}$$ | O |
| 28 | 2 · 0.1-1 + 0.1 · 10-5 + 0.9 · 10-5 | 920 | K |
| 29 | (-0.001)-6 | 104 | N |
| 30 | 10008 : (103)-2 | -4 | J |

**Mjerne jedinice**

|  |  |  |  |
| --- | --- | --- | --- |
| N | ZADATAK | RJEŠENJE | SLOVO |
| 1 | 43dm5cm : 5 + 0.6m | 86.5cm | B |
| 2 | 3.8m – 121cm | 800dag | Š |
| 3 | 66dm – (8.3m - 413cm) | 20202.75cm3 | Ć |
| 4 | $\frac{1}{5}$dm + 22cm | 147cm | E |
| 5 | 16.5cm + 2dm + $\frac{1}{2}$m | 10800s | Đ |
| 6 | 0.5m2 + 3dm2 – 100cm2 | 6002000mg | A |
| 7 | 15cm2 + 2 · (5dm2 + 2cm2) | 1030l | G |
| 8 | $\frac{3}{4}$m2 + 0.07dm2 + 10cm2 | 1017dm3 | U |
| 9 | 4.4l + 2dl + 100cl | 7517cm2 | DŽ |
| 10 | 5hl + 0.5l + 200cl | 259cm | H |
| 11 | $\frac{1}{5}$t + 0.8t + $\frac{3}{4}$t | 24cm3 | C |
| 12 | 2.7t : $\frac{9}{10}$ | 1120g | LJ |
| 13 | 56g · 2dag | 694801s | M |
| 14 | 4kg – 300dag + 500g | 243cm | V |
| 15 | $\frac{3}{4}$kg : 0.25 | 6667mg | D |
| 16 | 0.2kg : 2dag | 530h | T |
| 17 | 36dag18mg : 54 | 2566.86s | S |
| 18 | 5.50kn · 3 + 15lp – 5kn15lp | 1764lp | F |
| 19 | 70kn2lp +10.10kn + 9lp | 3kg | R |
| 20 | 6kn320lp + 38lp + 8.06kn | 5200cm2 | I |
| 21 | 500h + $\frac{3}{4}$dana + $\frac{1}{2}$dana | 10 | P |
| 22 | 43.86s + 0.5h + 12min3s | 3t | NJ |
| 23 | 1tjedan + 1dan + 1h +1s | 1019cm2 | Z |
| 24 | 0.005dm3 + 19cm3 | 1150lp | L |
| 25 | 15dm3 + 1m32dm3 | 8021lp | Ž |
| 26 | 1m325dm3 + 5l | 560cl | Č |
| 27 | 2$\frac{1}{5}$l + 18dm3 + 2$\frac{3}{4}$cm3 | 502.5l | O |
| 28 | 300000s- $\frac{1}{8}$dana | 1500g | K |
| 29 | 4 · (0.007t – 2500dag:5) | 1.75t | N |
| 30 | 2 · 103mg + 0.006t | 24cm | J |