**MATEMATIKA – rešitve UL**

1. **Deli pisno in naredi preizkus.**

|  |  |
| --- | --- |
|  643 582 : 34 = 18928- 34 303- 272 315 - 306 0098 - 68 302 - 272 30, ost. | **P:** 18928 ∙ 34 56784 + 75712 643552 643552+ 30 643582 |

1. **Reši enačbi in naredi preizkus.**

|  |  |
| --- | --- |
| 6 ∙ x = 228 x = 228 : 6 x = 38 | P: 6 ∙ 38 = 228 228 = 228 |
| x : 25 = 14 x = 14 ∙ 25  x = 350 | P: 350 : 25 = 14 14 = 14 |

1. **Reši neenačbi.**

8 + x < 15 2 ∙ x < 15

x = 0, 1, 2, 3, 4, 5, 6 x = 0, 1, 2, 3, 4, 5, 6, 7

1. **Uredi po velikosti. Začni z najmanjšo količino.**
2. 3 m, 50 dm, 1 km, 4 cm, 56 mm

4 cm, 56 mm, 3 m, 50 dm, 1 km

1. 5 kg, 2 t, 20 dag, 7 dag, 100 g

7 dag, 100 g, 20 dag, 5 kg, 2 t

1. 4 dl, 1 hl, 5 l, 75 dl, 80 l

4 dl, 5 l, 75 dl, 80 l, 1 hl

1. 1 dan, 25 h, 75 min, 60 s, 1 h

60 s, 1 h, 75 min, 1 dan, 25 h

1. **Zapiši kot potenco in izračunaj vrednost potence.**

6 ∙ 6 ∙ 6 ∙ 6 ∙ 6 = $6^{5}$ = 7776

10 ∙ 10 ∙ 10 ∙ 10 =$ 10^{4}$ = 10 000

8 ∙ 8 ∙ 8 = $8^{3}$ = 512

1. **Število razčleni z vrednostmi desetiških enot in s potencami (glej primer).**

52 124 = 5 ∙ 10 000 + 2 ∙ 1000 + 1 ∙ 100 + 2 ∙ 10 + 4 = 5 ∙ $10^{4}$ + 2 ∙ $10^{3}$ + 1 ∙ $10^{2}$ + 2 ∙ 10 + 4

70 363 = 7 ∙ 10 000 + 3 ∙ 100 + 6 ∙ 10 + 3 = 7 ∙ $10^{4}$ + 3 ∙ $10^{2}$ + 6 ∙ 10 + 3

8725 = 8 ∙ 1000 + 7 ∙ 100 + 2 ∙ 10 + 5 = 8 ∙ $10^{3}$ + 7 ∙ $10^{2}$ + 2 ∙ 10 + 5