4. razred, matematika, 4. 5. 2020

Pozdravljeni!

Pred počitnicami smo začeli pisno množenje.

Ponovimo: **( TO STRAN SAMO PREBERI!)**

1. Napišemo račun pisnega deljenja, primer 846: 2 =

2. Vsako števko zapišemo v en kvadratek.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 8 | 4 | 6 | : | 2 | = |  |

3. Delimo od leve strani proti desni. 8 : 2 = 4 Količnik zapišeš za enačajem.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 8 | 4 | 6 | : | 2 | = | 4 |

4. Če si pozabil poštevanko, zapiši ob strani večkratnike delitelja.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 2 krat | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |

Krajši način: 2,4,6,8,10,12,14,16,18. Na prste štej 1-krat, 2-krat,3-krat.

5. Delni količnik množiš z deliteljem. 4 ۰ 2 = 8 Dobljeni zmnožek podpišeš pod deljenec.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 8 | 4 | 6 | : | 2 | = | 4 |  |
|  | 8 |  |  |  |  |  |  |  |

6. Odšteješ 8 -8 = 0. Ničlo podpišeš pod črto. K ničli (ostanku) pripišeš naslednje število, 4 desetice.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 8 | 4 | 6 | : | 2 | = | 4 | 2 |
| - | 8 |  |  |  |  |  |  |  |
|  | 0 | 4 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

7. Deliš desetice: 4 : 2 = 2. Spet množiš : 2 krat 2 je 4. Podpišeš pod deljenec, odšteješ. K ostanku, ničli, pripišeš 6 enic. Nadaljuješ deljenje enic. Ko si končal deljenje, narediš preizkus.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | 8 | 4 | 6 | : | 2 | = | 4 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |
| - | 8 |  |  |  |  |  |  |  |  |  |  |  | 4 | 2 | 3 | ۰ | 2 |  |  |
|   | 0 | 4 |  |  |  |  |  |  |  |  |  |  | 8 | 4 | 6 |  |  |  |  |
|  |  | 4 |  |  |  |  |  |  | Produkt pri množenju mora biti enak deljencu. Če je tako si pravilno delil. 846=846 |
|  |  | 0 | 6 |  |  |  |  |  |
|  |  |  | 6 |  |  |  |  |  |
|  |  |  | 0 |  |  |  |  |  |

 Naredi nekaj računov deljenja. Ne pozabi na pisni preizkus. Naloge delaj v zvezek.

Zapis v zvezek:

|  |
| --- |
|  4. 5. 2020Pisno deljenje, vaja666 : 3 = 333 : 1= 482 : 2 = 848 : 4 = 939 : 3 = |

Nova učna snov: **PISNO DELJENJE S PREHODOM, SDZ, STR. 76 – 79.( TA LIST SAMO PREBERI!)**

**Princip računanja je podoben kot pri deljenju brez prehoda. Razlika je v tem, da prva števka deljenca ni deljiva z deliteljem, zato ji dodamo še drugo števko .**

 **PISNO DELJENJE S PREHOOM**

**1. To je daljši način.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 5 | 6 | : | 2 | = | 7 | 8 |  |  |  |  |  |  |  |
| - | 1 | 4 |  |  |  |  |  |  |  | Preizkus: |
|  | 0 | 1 | 6 |  |  |  |  |  |  | 71 | 8 | ۰ | 2 |  |  |
|  |  | 1 | 6 |  |  |  |  |  | 1 | 5 | 6 |  |  |  |  |
|  |  |  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Ko začneš deliti opaziš, da število 1 ne moreš deliti z dve. Zato vzameš še naslednje število.**

**1 : 5 = ne gre 15 : 2 = 7, ostanek 1**

**2. To je krajši način.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 5 | 6 | : | 2 | = | 7 | 8 |  |  |  |  |  |  |  |
|  |  | 1 | 6 |  |  |  |  |  |  | Preizkus: |
|  |  |  | 0 |  |  |  |  |  |  | 71 | 8 | ۰ | 2 |  |  |
|  |  |  |  |  |  |  |  |  | 1 | 5 | 6 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Krajši način pomeni, da odštevaš na pamet. Zapišeš samo ostanek.**

**Starši naj ti ne svetujejo krajši način in računanje s pomožnimi računi ob strani.**

**Moraš se naučiti oba načina. Po določenem času boš lahko uporabljal samo krajši način. Zdaj vadi oba načina.**

**Nadaljuješ zapis v zvezek.**

 **PISNO DELJENJE S PREHODOM**

**1. Daljši način.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 5 | 6 | : | 2 | = | 7 | 8 |  |  |  |  |  |  |  |
| - | 1 | 4 |  |  |  |  |  |  |  | Preizkus: |
|  | 0 | 1 | 6 |  |  |  |  |  |  | 71 | 8 | ۰ | 2 |  |  |
|  |  | 1 | 6 |  |  |  |  |  | 1 | 5 | 6 |  |  |  |  |
|  |  |  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**2. Krajši način.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 5 | 6 | : | 2 | = | 7 | 8 |  |  |  |  |  |  |  |
|  |  | 1 | 6 |  |  |  |  |  |  | Preizkus: |
|  |  |  | 0 |  |  |  |  |  |  | 71 | 8 | ۰ | 2 |  |  |
|  |  |  |  |  |  |  |  |  | 1 | 5 | 6 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Zdaj pa vaja v SDZ. Reši naloge v delovnem zvezku, stran 76, 77,78,79. Prve štiri naloge reši na daljši način, preostale štiri naloge pa na krajši način.