**Մնացորդով բաժանում**

Եթե մի թիվը ամբողջությամբ չի բաժանվում մեկ այլ բնական թվի վրա, ապա արդյունքում ստանում ենք թերի քանորդ ու մնացորդ։

Բաժանելի։ բաժանարար=թերի քանորդ(մնացորդ)

Բաժանելի=բաժանարար ‧ թերի քանորդ+մնացորդ

Բաժանարար=(Բաժանելի-մնացորդ)։թերի քանորդ

Օրինակ՝ 17։5=3(2մն․), 17-ը բաժանելին է, 5-ը՝ բաժանարար, 3-ը՝ թերի քանորդ, իսկ 2-ը՝ մնացորդ։

Բաժանելին՝ 17=5‧3+2

Բաժանարարը՝ 5=(17-2):3

Բաժանման արդյունքում ստացված մնացորդը միշտ փոքր է այն բնական թվից, որի վրա թիվը բաժանել ենք։

Օրինակ՝ բնական թիվը 5-ի բաժանելիս կարող ենք ստանալ 1, 2, 3 կամ 4 մնացորդները։

Օրինակ՝

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 3 | 4 | 7 |  |  |  |  |  | 3 | 4 | ։ | 7 | = | 4 | (6մն․) |
|  | 2 | 8 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 6մն․ |  | Ստուգում՝ | | | | | 3 | 4 | = | 7 | ‧ | 4 | +6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

1. Սիրելի սովորողներ, կատարե՛ք մնացորդով բաժանում ու ստուգում։

830 ։ 6 = 130 (2մն․)

Ստուգում՝ 830 = 130 ‧6 + 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 8 | 3 | 0 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - | 2 | 3 |  | 1 | 3 | 0 |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | - | 5 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 | մն |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

930 ։ 47 = 19  
Ստուգում՝ 930 = 47 ‧19 + 37

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 9 | 3 | 0 | 4 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - | 4 | 6 | 0 | 1 | 9 |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 7 | մն |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

690։8 = 86  
Ստուգում՝ 690 = 8 ‧86 + 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 6 | 9 | 0 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6 | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | - | 5 | 0 | 8 | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 | մն |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

964:450 = 2

Ստուգում՝ 964 = 450‧2 + 64

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 9 | 6 | 4 | 4 | 5 | 0 |  |  |  |  |  |  |  |  |  |  |
|  | 9 | 0 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 6 | 4 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

810:35  
Ստուգում՝ 810 = 35 ‧23 + 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 8 | 1 | 0 | 3 | 5 |  |  |  |  |  |  |  |  |  |  |  |
|  | 7 | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 1 | 0 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 0 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 | մն |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

3504:7   
Ստուգում՝ 3504 = 7 ‧500 + 4

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 3 | 5 | 0 | 4 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  | 3 | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 0 | 0 | 4 | 5 | 0 | 0 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

290:14  
Ստուգում՝ 290 = 14 ‧20 + 10

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 2 | 9 | 0 | 1 | 4 |  |  |  |  |  |  |  |  |  |  |  |
|  | 2 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 1 | 0 | 2 | 0 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

308:18   
Ստուգում՝ 308 = 18 ‧17 + 2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 3 | 0 | 8 | 1 | 8 |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 8 | 1 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  | 1 | 2 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 2 | մն |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

409:6  
Ստուգում՝ 409 = 6 ‧68 + 1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| - | 4 | 0 | 9 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3 | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 9 | 6 | 8 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 1 | մն |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |