|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 510 | π | 90 |  |  | 73 | (π + 6)3 |
| 2*х* | *х* | *–* 10*х* | *х* | π *х* | *– х* | *х* |
|  |  |  |  |  |  |  |
| *x*3 | *x*4 | *x*5 | *x*6 | *x*7 | *x*8 | *x*100 |
| 2 *x*5 | 3 *x*4 | 7 *x*3 | 8 *x*2 | 9 *x*6 | 10 *x*7 | 11 *x*8 |
| (*x* – 3)3 | (*x* + 2)2 | (*x* – 6)4 | (*x* +7)5 | (8 + *x*)6 | (7 – *x*)7 | (9 – *x*)5 |
| (2*x* – 5)4 | (3*x* + 6)3 | (7 – 5*x*)2 | (8 – 2*x*)3 | (7*x* – 8)4 | (5 – 3*x*)3 | (7 – 8*x*)2 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| sin 2*x* | sin 3*x* | sin | sin 5*x* | sin (3*x* – ) | sin (4*x* + ) | sin (2 – 5*x*) |
| cos 3*x* | cos 2*x* | cos 5*x* | cos | cos | cos | cos |
| tg 2*x* | tg | tg | tg 5*x* | tg | tg 7*x* | tg 8*x* |
| ctg 3*x* | ctg | ctg | ctg 2*x* | ctg 3*x* | ctg | ctg 4*x* |
| 2sin 3*x* | 3sin 2*x* | 4sin | 2sin | 3sin | 4sin | 3sin |
| 3cos 2*x* | 2cos 3*x* | 4cos 3*x* | 5cos | 6cos | 7cos | 8cos |
| 4tg 2*x* | 3tg | 2tg | 3tg 3*x* | 5tg 2*x* | 3tg | 2tg |
| 5ctg 3*x* | 3ctg 3*x* | 5ctg 2*x* | 2ctg | 3ctg | 7ctg 2*x* | 2ctg |
| sin2 2*x* | sin3 *x* | sin2 2*x* | sin2 | sin3 | sin2 | sin43*x* |
| cos2 *x* | cos2 | cos2 | cos2 2*x* | cos2 3*x* | cos2 | cos2 |
| tg 2*x* | tg 22*x* | tg 23*x* | tg 2 | tg 3 | tg 3*x* | tg 32*x* |
| ctg 2*x* | ctg 33*x* | ctg 22*x* | ctg 3*x* | ctg 2 | ctg 3 | ctg 23*x* |
| 2sin3 2*x* | 3cos2 3*x* | 2tg3 2*x* | 3ctg2 3*x* | 2cos3 | 3ctg2 | 4cos2 6*x* |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 2ln*x* | ln(*x* + 1) | ln(*x*2– 2) | ln2*x* | 3ln3*x* | 2ln3(*x* – 5) | 3lnsin*x* |
|  |  |  |  |  | 2lgsin*x* | 3lg2(*x*2 – 5) |

**Карточка 9**