



Welcome to Bak3r's Pr1m3, a numerical test designed by Jonas Tuckus. The test is composed of 31 numerical sequences.

*****IMPORTANT TEST INSTRUCTIONS*****

Your objective is to complete each sequence by replacing each question mark with the simplest, most logical solution.

If an item asks for 2 solutions, type both solutions separated by a comma but no spaces.
For example, type: 1234,2345

Many of the items on the test involve prime numbers. It is required that you have a grasp of prime numbers and what they mean.

A prime number has no numbers smaller than itself, except 1, that divide into it evenly.
For example: 4 is not a prime number, because 2 divides into it evenly.
For example: 3 is a prime number, because 2 does not divide into it evenly.

A list of the first 11 prime numbers:
[2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31]

If you still don't understand prime numbers, you can use resource materials, especially internet search engines, to learn more. Please do.

Spend 15 hours on the test! This should be done preferably over the course of at least 2 weeks. This should be enough time to reach your maximum performance, and, hence, allow you to receive accurate results.

You may now commence with the test. Good luck and enjoy.

- 1.) 123, 435, 978, 171615, 688776, ?
- 2.) 123,631,1096,161011,1098871, ?
- 3.) 21135, 3225711, 533711131719, 74411131719232931, ?
- 4.) 11, 0110, 001100, 10011001, 3100110013, ?
- 5.) 123, 122436, 123246369, 1234246836912, ?
- 6.) $12+20=32$, $43+14=57$, $56+1255=1311$, $87+1632=1719$, ?
- 7.) 1, 09, 088, 0877, 08766, ?
- 8.) 12, 42, 83, 416, 532, 646, ?
- 9.) 56, 6614, 77724, 888836, ?
- 10.) 22, 44, 88, 167, 325, 6410, 12811, ?, 5128, 10247, ?
- 11.) 1, 24, 357, 6824, 91357, 682468, 9135791, ?, ?
- 12.) 3, 45, 71015, 23365791, ?
- 13.) 911, 801315, 812241719, ?
- 14.) 2, 8, 3, 12, 5, 15, 7, 18, 11, 19, 13, 22, ?, ?
- 15.) 317, 32167, 312115617, ?
- 16.) 4, 26, 2329, 23252333, ?
- 17.) 12, 0, 35, 8, 710, 178, 1317, 283032, ?, ?
- 18.) 122, 1, 442, 8, 1088, 9, 161619, 14, 333232, 14, ?, 31, 78128128, ?
- 19.) $XXXOO=11111100$, $OOOXXX=OOO111111$, $XOO=110$, $XXXOOO=?$, $OOOXX=OO1111$
- 20.) 2125/, \33104, 55616|, |77228, 1191030\, ?
- 21.) 137, 584, 121010, 191819, ?
- 22.) $12=5+7$, $24=5+19$, $48=5+43$, $96=7+89$, $192=11+181$, ?, $768=7+761$
- 23.) 2, 23, 553, 7111, 33111, 717192, 3299232, ?

24.) 34276819, 511815717, 692138614, 810599910, ?

25.) 132, 675, 91110, 415131, 171918, 223212, ?, ?

26.) 2357, 3-95, 77-3, ?

27.) 0790, 73959, 319755, 198755, 9493755, ?, 212343755

28.) 2, 55, 121613, 29353629, 6072777247, ?

29.) 3(2), 12(3), 30(4), 10(5), 35(6), 28(7), 32(8), 40(9), ?, 50(11) Hint: Keyboard

30.) 11, 000, 11(1), 00(1), 11(3), 00(3), 11(5), 00(5), 11(7), 000(2), 111(1), 000(1), 111(2), 00(13), ?, ? Hint: Primes.

31.) 1, 42, 973, 6404, 1513935, 6401466, 19171371997, 422822144128, ?

End of test.

After you have spent 15 hours and at least 2 weeks on the test, please input your solutions at IQexams.net to receive your results. Thank you.