

1. $2005 \times 8 =$ _____ .
2. $2005 + 2005 + 2005 =$ _____ .
3. $2005 \div 5 =$ _____ .
4. $2005 \times 11 =$ _____ .
5. $2005 =$ _____ (Roman numerals).
6. $200.5\% =$ _____ (decimal).
7. $2005 \times 16 \div 4 =$ _____ .
8. $2.005 + 20.05 =$ _____ .
9. $2005 \times 25 =$ _____ .
- (*) 10. $200.5 \times 798.5 =$ _____ .
11. $\frac{1}{3}$ of 2005 = _____ (mixed number).
12. $2005 + 4010 + 6015 + 8020 + 10025 =$ _____ .
13. How many positive integers are there less than 2005? _____ .
14. $12 \times 2005 =$ _____ .
15. The reciprocal of $1\frac{1}{2005}$ is _____ .
16. Which is larger: $\frac{1}{2005}$ or .0005? _____ .
17. $2005 \times 16 + 2005 \times 14 =$ _____ .
18. $200.5 - 20.05 =$ _____ .
19. 20% of 2005 is _____ .
- (*) 20. $4987341 \div 2005 =$ _____ .
21. $15 \times 2005 =$ _____ .
22. How many positive integral divisors does 2005 have? _____ .
23. $1111 \times 2005 =$ _____ .
24. $\frac{3}{2005} =$ _____ %(fraction).
25. $2400 \times 20.05 =$ _____ .
26. $20.05 =$ _____ (mixed number).
27. 2005 yards = _____ inches.
28. If $3x + 4 = 2005$, then $x =$ _____ .
29. $2005^2 =$ _____ .
- (*) 30. $2005 \times 12 \times 13 =$ _____ .
31. The GCD of 2005 and 2015 is _____ .
32. $2005_8 =$ _____ $_{10}$.
33. Find the slope of the line that passes through the origin and the point $(-5, -2005)$. _____ .
34. How many (positive) prime factors does 2005 have? _____ .
35. $20.05 \times 19.95 =$ _____ .
36. $2005^2 - 2004^2 =$ _____ .
37. 2005 is divided into 2 positive numbers such that the product of these numbers is 10000. Find the larger number. _____ .
38. $.20052005\dots =$ _____ (fraction).
39. A regular pentagon has a perimeter of 2005 inches. Find the length of each side. _____ inches.
- (*) 40. $200500 \div 821 =$ _____ .
41. $2005^2 - 2(2005)(5) + 5^2 =$ _____ .

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42. The sum of the positive integral divisors of 2005 is _____.
43. If $3^x = 2005$, then $3^{x+1} =$ _____.
44. The LCM of 2005 and 17 is _____.
45. $2005^3 \div 401^3 =$ _____.
46. 802 is _____% of 2005.
47. If 2 grapes cost 6 cents, how much does 2005 grapes cost? \$ _____.
48. $200\frac{1}{2} \times 2\frac{1}{2} =$ _____ (mixed number).
49. Find the largest root of $x^2 - 406x + 2005 = 0$.
_____.
- (*) 50. $2005\pi^3 =$ _____.
51. How many positive 4-digit integers are divisible by 2005? _____.
52. $1 + 2 + 3 + 4 + \dots + 2005 =$ _____.
53. $2005 \div 401 - 2005 \div 5 =$ _____.
54. $\frac{1}{2005} + \frac{1}{2005^2} + \frac{1}{2005^3} + \dots =$ _____.
55. $\log_{2005} 2005 =$ _____.
56. Find the smallest integer N such that $2^N > 2005$.
_____.
57. The sum of the coefficients in the binomial expansion of $(x - 2y)^{2005}$ is _____.
58. $1 - 3 + 5 - 7 + \dots + 2001 - 2003 + 2005 =$
_____.
59. $\frac{3}{2005} + \frac{3}{401} =$ _____.
- (*) 60. $2005 \times 2006 \times 2007 \div 6067 =$ _____.
61. If ${}_{2005}P_{2004} = n!$, then $n =$ _____.
62. $\sin(2005\pi) =$ _____.
63. If $f(x) = 7x + 3$, then $f^{-1}(2005) =$ _____.
64. $2005^2 - 2000^2 + 5^2 =$ _____.
65. ${}_{2005}C_{2004} =$ _____.
66. The odds of winning are 4 to 2005. Find the probability of winning. _____.
67. The amplitude of the graph of $y = 47 + 2005 \cos x$ is _____.
68. $2005_{10} =$ _____₅.
69. 2005 gallons = _____ cubic inches.
- (*) 70. $\sqrt{1} + \sqrt{2} + \sqrt{3} + \dots + \sqrt{2005} =$ _____.
71. $(2005^7 + 7^{2005}) \div 5$ has a remainder of _____.
72. $\det \begin{vmatrix} 2005 & 2 \\ 4 & 3 \end{vmatrix} =$ _____.
73. $2005^2 - 2004^2 + 2003^2 - 2002^2 =$ _____.
74. If $\sin(2005^\circ) = \sin x$, with $0^\circ \leq x^\circ < 360^\circ$, then $x =$ _____.
75. The 2005th triangular number is _____.
76. $\cos^{-1}(\cos(.2005)) =$ _____.
77. If $f(x) = 401x^5 - 2005$, then $f'(-1) =$ _____.
78. $\lim_{x \rightarrow 2005} \frac{x^2 - 2005^2}{x - 2005} =$ _____.
79. $\int_1^{2005} 4 \, dx =$ _____.
- (*) 80. $1428 \times 2005 \div 63 =$ _____.