

Class 2 Homework

Please find most efficient methods to complete following calculations:

1. $78 + 76 + 81 + 82 + 77 + 80 + 79 + 83 =$
2. $998 + 1413 + 9989 =$
3. $19 + 299 + 3999 + 49999 =$
4. $1456 - 299 =$
5. $673 + (528 - 373) =$
6. $829 + 571 - 692 =$
7. $1164 \times 25 =$
8. $3600 - 785 + 534 - 215 =$
9. $9 + 99 + 999 + 9999 + \dots + 999999999 =$
10. $53 \times 57 =$
11. $26 \times 86 =$
12. $548 - 164 - 236 =$
13. $18 + 21 + 23 + 20 + 19 + 12 =$
14. $199999 + 19999 + 1999 + 199 + 19 =$
15. $2541 - 1998 =$
16. $1991 + 8119 + 8009 + 1881 =$
17. $25 \times 19 \times 64 \times 125 =$
18. $125 \times 34 + 125 \times 66 =$
19. $43 \times 11 + 43 \times 36 + 43 \times 52 + 43 =$
20. $68 \times 62 =$
21. $85 \times 85 =$

Multiple choice problems:

22. . What is the product of $\frac{3}{2} \times \frac{4}{3} \times \frac{5}{4} \times \dots \times \frac{2006}{2005}$?

- (A) 1 (B) 1002 (C) 1003 (D) 2005 (E) 2006

23. 8. In the multiplication problem below A, B, C, D and are different digits. What is $A + B$?

$$\begin{array}{r} A \ B \ A \\ \times \quad C \ D \\ \hline C \ D \ C \ D \end{array}$$

- (A) 1 (B) 2 (C) 3 (D) 4 (E) 9

