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 x 25 =
8. 3600 − 785 + 534 − 215 =
9. 9 + 99 + 999 + 9999 + … + 999999999 =
10. 53 x 57 =
11. 26 x 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 x 19 x 64 x 125 =
18. 125 x 34 + 125 x 66 =
19. 43 x 11 + 43 x 36 + 43 x 52 + 43 =
20. 68 x 62 =
21. 85 x 85 =

Multiple choice problems:

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

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

Answer (C)

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

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

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

Answer: (A)