1. $\boxed{10}$
2. $\boxed{40}$
3. $\boxed{C}$
4. $30 \times 40 = (3 \times 10) \times (4 \times 10) = 3 \times 4 \times 10 \times 10 = 3 \times 4 \times \boxed{100}$
5. $\boxed{33}$
6. $444+444+444 = (400+44)+(400+44)+(400+44) = 400+400+400+44+44+44 = 3 \times 400+3 \times \boxed{44}$
7. $\boxed{1}$
8. $\boxed{12}$
9. $\boxed{11}$
10. $\boxed{D}$
11. $\boxed{111}$
12. $\boxed{600}$
13. $40 \times 50 \times 60 = (4 \times 10) \times (5 \times 10) \times (6 \times 10) = 4 \times 5 \times 6 \times 10 \times 10 \times 10 = 4 \times 5 \times 6 \times \boxed{1000}$
14. $\boxed{B}$
15. First break the parenthesis of the second portion by distributing the negative sign:
    $(2000 + 1999 + \ldots + 1001 + 1000) - (1000 + 999 + \ldots + 2 + 1)$
    $= 2000 + 1999 + \ldots + 1001 + 1000 - 1000 - 999 - \ldots - 2 - 1.$
    Now rearrange the numbers to match up nicely:
    $2000 - 1000 + 1999 - 999 + \ldots + 1003 - 3 + 1002 - 2 + 1001 - 1 + 1000.$
    Perform the subtractions:
    $1000 + 1000 + 1000 + \ldots + 1000.$
    There are 1000 pairs of numbers being subtracted, plus one 1000 left over. So there are 1001 1000's being added together. Then
    $1000 + 1000 + \ldots + 1000 = 1000 \times \boxed{1001}$.