



11. Three consecutive even numbers are such that the sum of four times the smallest and twice the largest exceeds three times the second by 2006. What is the sum of the digits of the smallest number?
- A 8                      B 11                      C 14                      D 17                      E 20

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11. E Let the smallest of the three even numbers be  $n$ . Then the other two numbers are  $n + 2$  and  $n + 4$ . So  $4n + 2(n + 4) = 3(n + 2) + 2006$ , that is  $6n + 8 = 3n + 2012$ , that is  $n = 668$ .