



5. The integer  $n$  is the mean of the three numbers 17, 23 and  $2n$ .  
What is the sum of the digits of  $n$ ?

A 4                      B 5                      C 6                      D 7                      E 8

1575



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5. A The mean of 17, 23 and  $2n$  is given to be  $n$ , so  $\frac{17 + 23 + 2n}{3} = n$  which gives  $40 + 2n = 3n$ . As  $n$  is then 40, the sum of the digits of  $n$  is 4.