6. Dean runs up a mountain road at 8 km per hour. It takes him one hour to get to the top. He runs down the same road at 12 km per hour. How many minutes does it take him to run down the mountain?

A 30   B 40   C 45   D 50   E 90

6.   **B**   The length of the road is 8km. Hence the time taken to run down the mountain is $\frac{8}{12}$ hours = $\frac{8}{12} \times 60$ min = 40 min.