

VD 8.5.1

A pin is made by 6 digits from the set of $H=\{0,1,2,3,4,5,6,7,8,9,A,B,C,D,E,F\}$ where A – F have face values from 10 – 15. Find the numbers of different pins if no digits in the pin is repeated and

1. every digit is more than 5	151200
2. every digit is odd	20160
3. first digit is A	360360
4. first digit is less than 10	3603600
5. every digit is at least 7	60480
6. first and last digits cannot be more than 10	2642640
7. no digit is more than 9	60480