

AP Computer Science A
Ticket Out the Door
Set 12: Number Systems

Name _____ Period _____

Skill 12.1 Exercise 1	
Convert the following binary numbers to base 10	
1001101	
1110111	
1110001	
Convert the following hexadecimal numbers to base 10	
A145F	
1345B	
CBA12	
Convert the following octal numbers to base 10	
65731	
12456	
65021	

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Skill 12.1 Exercise 1	
Convert the following base 10 numbers to binary	
82	
141	
Convert the following base 10 numbers to hexadecimal	
789	
1024	
Convert the following base 10 numbers to octal	
561	
221	

Skill 12.3 Exercise 1
Indicate the number of places required to represent 832 in the following bases:
Binary
Hexadecimal
Octal

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