

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	
1101	
10111	
10001	
Convert the following hexadecimal numbers to base 10	
45F	
45B	
A12	
Convert the following octal numbers to base 10	
657	
124	
650	

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

Name _____ Period _____

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	

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

Name _____ Period _____
