

## Converting Various Bases to Binary (A)

Write each number as a binary number.

1. Hexadecimal = 8  
Binary =

2. Decimal = 82  
Binary =

3. Octal = 1465  
Binary =

4. Decimal = 501  
Binary =

5. Octal = 1441  
Binary =

6. Hexadecimal = 291  
Binary =

7. Hexadecimal = 302  
Binary =

8. Octal = 273  
Binary =

9. Hexadecimal = 1BCA  
Binary =

10. Octal = 10543  
Binary =

## Converting Various Bases to Binary (A) Answers

Write each number as a binary number.

1. Hexadecimal = 8  
Binary = 1000

2. Decimal = 82  
Binary = 1010010

3. Octal = 1465  
Binary = 1100110101

4. Decimal = 501  
Binary = 111110101

5. Octal = 1441  
Binary = 1100100001

6. Hexadecimal = 291  
Binary = 1010010001

7. Hexadecimal = 302  
Binary = 1100000010

8. Octal = 273  
Binary = 10111011

9. Hexadecimal = 1BCA  
Binary = 1101111001010

10. Octal = 10543  
Binary = 1000101100011