

## Converting Binary to Other Bases (F)

Write each binary number in the base number system indicated.

1. Binary = 111  
Octal =

2. Binary = 100100  
Hexadecimal =

3. Binary = 1010111100  
Octal =

4. Binary = 1001000000  
Hexadecimal =

5. Binary = 1010000101  
Decimal =

6. Binary = 101000101  
Decimal =

7. Binary = 1000111000  
Octal =

8. Binary = 11100110  
Hexadecimal =

9. Binary = 10001011101100  
Octal =

10. Binary = 111110000111  
Decimal =

## Converting Binary to Other Bases (F) Answers

Write each binary number in the base number system indicated.

1. Binary = 111  
Octal = 7

2. Binary = 100100  
Hexadecimal = 24

3. Binary = 1010111100  
Octal = 1274

4. Binary = 1001000000  
Hexadecimal = 240

5. Binary = 1010000101  
Decimal = 645

6. Binary = 101000101  
Decimal = 325

7. Binary = 1000111000  
Octal = 1070

8. Binary = 11100110  
Hexadecimal = E6

9. Binary = 10001011101100  
Octal = 21354

10. Binary = 111110000111  
Decimal = 3975