

## Converting Binary to Other Bases (E)

Write each binary number in the base number system indicated.

1. Binary = 1001  
Decimal =

2. Binary = 1001110  
Octal =

3. Binary = 101101010  
Octal =

4. Binary = 1111010111  
Hexadecimal =

5. Binary = 10101101  
Hexadecimal =

6. Binary = 111111100  
Hexadecimal =

7. Binary = 11000101  
Hexadecimal =

8. Binary = 1100101110  
Decimal =

9. Binary = 11100001011  
Decimal =

10. Binary = 111100101000  
Decimal =

## Converting Binary to Other Bases (E) Answers

Write each binary number in the base number system indicated.

1. Binary = 1001  
Decimal = 9

2. Binary = 1001110  
Octal = 116

3. Binary = 101101010  
Octal = 552

4. Binary = 1111010111  
Hexadecimal = 3D7

5. Binary = 10101101  
Hexadecimal = AD

6. Binary = 111111100  
Hexadecimal = 1FC

7. Binary = 11000101  
Hexadecimal = C5

8. Binary = 1100101110  
Decimal = 814

9. Binary = 11100001011  
Decimal = 1803

10. Binary = 111100101000  
Decimal = 3880