

Converting Binary to Other Bases (A)

Write each binary number in the base number system indicated.

1. Binary = 1001
Decimal =

2. Binary = 1010100
Hexadecimal =

3. Binary = 111001111
Hexadecimal =

4. Binary = 10010000
Octal =

5. Binary = 1001110011
Decimal =

6. Binary = 1110011
Hexadecimal =

7. Binary = 1000100100
Hexadecimal =

8. Binary = 111000111
Decimal =

9. Binary = 10010100111111
Decimal =

10. Binary = 1100101101111
Octal =

Converting Binary to Other Bases (A) Answers

Write each binary number in the base number system indicated.

1. Binary = 1001
Decimal = 9

2. Binary = 1010100
Hexadecimal = 54

3. Binary = 111001111
Hexadecimal = 1CF

4. Binary = 10010000
Octal = 220

5. Binary = 1001110011
Decimal = 627

6. Binary = 1110011
Hexadecimal = 73

7. Binary = 1000100100
Hexadecimal = 224

8. Binary = 111000111
Decimal = 455

9. Binary = 10010100111111
Decimal = 9535

10. Binary = 1100101101111
Octal = 14557