

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

Converting Various Bases to Binary (B)

Write each number as a binary number.

1. Octal = 7
 Binary =

2. Decimal = 79
 Binary =

3. Decimal = 242
 Binary =

4. Hexadecimal = 163
 Binary =

5. Octal = 1343
 Binary =

6. Hexadecimal = 28C
 Binary =

7. Decimal = 523
 Binary =

8. Hexadecimal = 9D
 Binary =

9. Decimal = 3786
 Binary =

10. Hexadecimal = 4E0
 Binary =

Converting Various Bases to Binary (B) Answers

Write each number as a binary number.

1. Octal = 7
 Binary = 111

2. Decimal = 79
 Binary = 1001111

3. Decimal = 242
 Binary = 11110010

4. Hexadecimal = 163
 Binary = 101100011

5. Octal = 1343
 Binary = 1011100011

6. Hexadecimal = 28C
 Binary = 1010001100

7. Decimal = 523
 Binary = 1000001011

8. Hexadecimal = 9D
 Binary = 10011101

9. Decimal = 3786
 Binary = 111011001010

10. Hexadecimal = 4E0
 Binary = 10011100000

Converting Various Bases to Binary (C)

Write each number as a binary number.

1. Octal = 6
Binary =

2. Hexadecimal = 5B
Binary =

3. Hexadecimal = 32A
Binary =

4. Octal = 661
Binary =

5. Decimal = 495
Binary =

6. Octal = 330
Binary =

7. Octal = 1025
Binary =

8. Octal = 1143
Binary =

9. Hexadecimal = 26E9
Binary =

10. Octal = 3004
Binary =

Converting Various Bases to Binary (C) Answers

Write each number as a binary number.

1. Octal = 6
 Binary = 110

2. Hexadecimal = 5B
 Binary = 1011011

3. Hexadecimal = 32A
 Binary = 1100101010

4. Octal = 661
 Binary = 110110001

5. Decimal = 495
 Binary = 111101111

6. Octal = 330
 Binary = 11011000

7. Octal = 1025
 Binary = 1000010101

8. Octal = 1143
 Binary = 1001100011

9. Hexadecimal = 26E9
 Binary = 10011011101001

10. Octal = 3004
 Binary = 11000000100

Converting Various Bases to Binary (D)

Write each number as a binary number.

1. Hexadecimal = 8
Binary =

2. Octal = 32
Binary =

3. Decimal = 343
Binary =

4. Hexadecimal = 346
Binary =

5. Decimal = 152
Binary =

6. Decimal = 755
Binary =

7. Hexadecimal = 299
Binary =

8. Octal = 1467
Binary =

9. Decimal = 9395
Binary =

10. Octal = 15330
Binary =

Converting Various Bases to Binary (D) Answers

Write each number as a binary number.

1. Hexadecimal = 8
Binary = 1000

2. Octal = 32
Binary = 11010

3. Decimal = 343
Binary = 101010111

4. Hexadecimal = 346
Binary = 1101000110

5. Decimal = 152
Binary = 10011000

6. Decimal = 755
Binary = 1011110011

7. Hexadecimal = 299
Binary = 1010011001

8. Octal = 1467
Binary = 1100110111

9. Decimal = 9395
Binary = 10010010110011

10. Octal = 15330
Binary = 1101011011000

Converting Various Bases to Binary (E)

Write each number as a binary number.

1. Hexadecimal = 5
Binary =

2. Decimal = 45
Binary =

3. Decimal = 433
Binary =

4. Hexadecimal = 20C
Binary =

5. Decimal = 925
Binary =

6. Octal = 1074
Binary =

7. Hexadecimal = E9
Binary =

8. Octal = 433
Binary =

9. Decimal = 1050
Binary =

10. Hexadecimal = 25B2
Binary =

Converting Various Bases to Binary (E) Answers

Write each number as a binary number.

1. Hexadecimal = 5
Binary = 101

2. Decimal = 45
Binary = 101101

3. Decimal = 433
Binary = 110110001

4. Hexadecimal = 20C
Binary = 1000001100

5. Decimal = 925
Binary = 1110011101

6. Octal = 1074
Binary = 1000111100

7. Hexadecimal = E9
Binary = 11101001

8. Octal = 433
Binary = 100011011

9. Decimal = 1050
Binary = 10000011010

10. Hexadecimal = 25B2
Binary = 10010110110010

Converting Various Bases to Binary (F)

Write each number as a binary number.

1. Decimal = 2
 Binary =

2. Decimal = 28
 Binary =

3. Decimal = 889
 Binary =

4. Hexadecimal = 29B
 Binary =

5. Octal = 1722
 Binary =

6. Decimal = 437
 Binary =

7. Octal = 225
 Binary =

8. Hexadecimal = C8
 Binary =

9. Decimal = 6228
 Binary =

10. Octal = 7345
 Binary =

Converting Various Bases to Binary (F) Answers

Write each number as a binary number.

1. Decimal = 2
 Binary = 10

2. Decimal = 28
 Binary = 11100

3. Decimal = 889
 Binary = 1101111001

4. Hexadecimal = 29B
 Binary = 1010011011

5. Octal = 1722
 Binary = 1111010010

6. Decimal = 437
 Binary = 110110101

7. Octal = 225
 Binary = 10010101

8. Hexadecimal = C8
 Binary = 11001000

9. Decimal = 6228
 Binary = 1100001010100

10. Octal = 7345
 Binary = 111011100101

Converting Various Bases to Binary (G)

Write each number as a binary number.

1. Hexadecimal = 5
Binary =

2. Octal = 120
Binary =

3. Hexadecimal = 162
Binary =

4. Octal = 776
Binary =

5. Octal = 737
Binary =

6. Hexadecimal = 3CC
Binary =

7. Octal = 1715
Binary =

8. Octal = 672
Binary =

9. Hexadecimal = 1288
Binary =

10. Decimal = 7051
Binary =

Converting Various Bases to Binary (G) Answers

Write each number as a binary number.

1. Hexadecimal = 5
 Binary = 101

2. Octal = 120
 Binary = 1010000

3. Hexadecimal = 162
 Binary = 101100010

4. Octal = 776
 Binary = 111111110

5. Octal = 737
 Binary = 111011111

6. Hexadecimal = 3CC
 Binary = 1111001100

7. Octal = 1715
 Binary = 1111001101

8. Octal = 672
 Binary = 110111010

9. Hexadecimal = 1288
 Binary = 1001010001000

10. Decimal = 7051
 Binary = 1101110001011

Converting Various Bases to Binary (H)

Write each number as a binary number.

1. Octal = 1
 Binary =

2. Hexadecimal = 53
 Binary =

3. Decimal = 991
 Binary =

4. Hexadecimal = 8B
 Binary =

5. Octal = 1740
 Binary =

6. Octal = 1102
 Binary =

7. Decimal = 628
 Binary =

8. Octal = 1027
 Binary =

9. Octal = 11457
 Binary =

10. Octal = 12115
 Binary =

Converting Various Bases to Binary (H) Answers

Write each number as a binary number.

1. Octal = 1
 Binary = 1

2. Hexadecimal = 53
 Binary = 1010011

3. Decimal = 991
 Binary = 1111011111

4. Hexadecimal = 8B
 Binary = 10001011

5. Octal = 1740
 Binary = 1111100000

6. Octal = 1102
 Binary = 1001000010

7. Decimal = 628
 Binary = 1001110100

8. Octal = 1027
 Binary = 1000010111

9. Octal = 11457
 Binary = 1001100101111

10. Octal = 12115
 Binary = 1010001001101

Converting Various Bases to Binary (I)

Write each number as a binary number.

1. Hexadecimal = 8
Binary =

2. Hexadecimal = 4E
Binary =

3. Octal = 1431
Binary =

4. Hexadecimal = 1E1
Binary =

5. Decimal = 788
Binary =

6. Decimal = 600
Binary =

7. Hexadecimal = 399
Binary =

8. Hexadecimal = 130
Binary =

9. Hexadecimal = 21EC
Binary =

10. Decimal = 2317
Binary =

Converting Various Bases to Binary (I) Answers

Write each number as a binary number.

1. Hexadecimal = 8
Binary = 1000

2. Hexadecimal = 4E
Binary = 1001110

3. Octal = 1431
Binary = 1100011001

4. Hexadecimal = 1E1
Binary = 111100001

5. Decimal = 788
Binary = 1100010100

6. Decimal = 600
Binary = 1001011000

7. Hexadecimal = 399
Binary = 1110011001

8. Hexadecimal = 130
Binary = 100110000

9. Hexadecimal = 21EC
Binary = 10000111101100

10. Decimal = 2317
Binary = 100100001101

Converting Various Bases to Binary (J)

Write each number as a binary number.

1. Decimal = 4
 Binary =

2. Hexadecimal = F
 Binary =

3. Octal = 1567
 Binary =

4. Decimal = 216
 Binary =

5. Octal = 247
 Binary =

6. Octal = 155
 Binary =

7. Octal = 332
 Binary =

8. Decimal = 185
 Binary =

9. Decimal = 9560
 Binary =

10. Decimal = 3920
 Binary =

Converting Various Bases to Binary (J) Answers

Write each number as a binary number.

1. Decimal = 4
 Binary = 100

2. Hexadecimal = F
 Binary = 1111

3. Octal = 1567
 Binary = 1101110111

4. Decimal = 216
 Binary = 11011000

5. Octal = 247
 Binary = 10100111

6. Octal = 155
 Binary = 1101101

7. Octal = 332
 Binary = 11011010

8. Decimal = 185
 Binary = 10111001

9. Decimal = 9560
 Binary = 10010101011000

10. Decimal = 3920
 Binary = 111101010000