

Converting Various Base Number Systems (A)

Write each number in the base number system indicated.

1. Binary = 100
Octal =

2. Octal = 31
Binary =

3. Octal = 734
Binary =

4. Decimal = 634
Octal =

5. Binary = 100010011
Decimal =

6. Octal = 300
Hexadecimal =

7. Hexadecimal = 293
Binary =

8. Decimal = 661
Hexadecimal =

9. Hexadecimal = 267A
Binary =

10. Binary = 100000000100
Hexadecimal =

Converting Various Base Number Systems (A) Answers

Write each number in the base number system indicated.

1. Binary = 100
Octal = 4

2. Octal = 31
Binary = 11001

3. Octal = 734
Binary = 111011100

4. Decimal = 634
Octal = 1172

5. Binary = 100010011
Decimal = 275

6. Octal = 300
Hexadecimal = C0

7. Hexadecimal = 293
Binary = 1010010011

8. Decimal = 661
Hexadecimal = 295

9. Hexadecimal = 267A
Binary = 10011001111010

10. Binary = 100000000100
Hexadecimal = 804

Converting Various Base Number Systems (B)

Write each number in the base number system indicated.

1. Octal = 7
 Binary =

2. Hexadecimal = 54
 Binary =

3. Octal = 661
 Binary =

4. Decimal = 630
 Binary =

5. Octal = 1067
 Binary =

6. Decimal = 527
 Hexadecimal =

7. Binary = 1010000101
 Decimal =

8. Hexadecimal = 2E9
 Octal =

9. Octal = 3561
 Decimal =

10. Binary = 11001000010
 Octal =

Converting Various Base Number Systems (B) Answers

Write each number in the base number system indicated.

1. Octal = 7
 Binary = 111

2. Hexadecimal = 54
 Binary = 1010100

3. Octal = 661
 Binary = 110110001

4. Decimal = 630
 Binary = 1001110110

5. Octal = 1067
 Binary = 1000110111

6. Decimal = 527
 Hexadecimal = 20F

7. Binary = 1010000101
 Decimal = 645

8. Hexadecimal = 2E9
 Octal = 1351

9. Octal = 3561
 Decimal = 1905

10. Binary = 11001000010
 Octal = 3102

Converting Various Base Number Systems (C)

Write each number in the base number system indicated.

1. Hexadecimal = 5
Decimal =

2. Octal = 120
Binary =

3. Hexadecimal = 316
Octal =

4. Hexadecimal = 160
Binary =

5. Hexadecimal = 382
Octal =

6. Decimal = 546
Octal =

7. Hexadecimal = 352
Decimal =

8. Octal = 1031
Binary =

9. Hexadecimal = 1764
Binary =

10. Decimal = 4878
Hexadecimal =

Converting Various Base Number Systems (C) Answers

Write each number in the base number system indicated.

1. Hexadecimal = 5
Decimal = 5

2. Octal = 120
Binary = 1010000

3. Hexadecimal = 316
Octal = 1426

4. Hexadecimal = 160
Binary = 101100000

5. Hexadecimal = 382
Octal = 1602

6. Decimal = 546
Octal = 1042

7. Hexadecimal = 352
Decimal = 850

8. Octal = 1031
Binary = 1000011001

9. Hexadecimal = 1764
Binary = 1011101100100

10. Decimal = 4878
Hexadecimal = 130E

Converting Various Base Number Systems (D)

Write each number in the base number system indicated.

1. Binary = 110
Octal =

2. Hexadecimal = 46
Binary =

3. Decimal = 643
Hexadecimal =

4. Octal = 1313
Hexadecimal =

5. Decimal = 493
Octal =

6. Octal = 377
Hexadecimal =

7. Hexadecimal = 111
Octal =

8. Decimal = 983
Hexadecimal =

9. Octal = 12775
Hexadecimal =

10. Octal = 4760
Binary =

Converting Various Base Number Systems (D) Answers

Write each number in the base number system indicated.

1. Binary = 110
Octal = 6

2. Hexadecimal = 46
Binary = 1000110

3. Decimal = 643
Hexadecimal = 283

4. Octal = 1313
Hexadecimal = 2CB

5. Decimal = 493
Octal = 755

6. Octal = 377
Hexadecimal = FF

7. Hexadecimal = 111
Octal = 421

8. Decimal = 983
Hexadecimal = 3D7

9. Octal = 12775
Hexadecimal = 15FD

10. Octal = 4760
Binary = 100111110000

Converting Various Base Number Systems (E)

Write each number in the base number system indicated.

1. Decimal = 8
 Hexadecimal =

2. Hexadecimal = 52
 Octal =

3. Decimal = 646
 Binary =

4. Octal = 1206
 Binary =

5. Octal = 653
 Decimal =

6. Hexadecimal = 1F0
 Decimal =

7. Decimal = 461
 Octal =

8. Hexadecimal = 1BC
 Binary =

9. Binary = 1110011001001
 Octal =

10. Decimal = 3610
 Hexadecimal =

Converting Various Base Number Systems (E) Answers

Write each number in the base number system indicated.

1. Decimal = 8
 Hexadecimal = 8
2. Hexadecimal = 52
 Octal = 122
3. Decimal = 646
 Binary = 1010000110
4. Octal = 1206
 Binary = 1010000110
5. Octal = 653
 Decimal = 427
6. Hexadecimal = 1F0
 Decimal = 496
7. Decimal = 461
 Octal = 715
8. Hexadecimal = 1BC
 Binary = 110111100
9. Binary = 1110011001001
 Octal = 16311
10. Decimal = 3610
 Hexadecimal = E1A

Converting Various Base Number Systems (F)

Write each number in the base number system indicated.

1. Hexadecimal = 3
Octal =

2. Decimal = 97
Hexadecimal =

3. Binary = 10010101
Hexadecimal =

4. Decimal = 994
Hexadecimal =

5. Octal = 641
Hexadecimal =

6. Octal = 1323
Hexadecimal =

7. Hexadecimal = 353
Octal =

8. Hexadecimal = 374
Octal =

9. Hexadecimal = 5E1
Binary =

10. Octal = 3564
Decimal =

Converting Various Base Number Systems (F) Answers

Write each number in the base number system indicated.

1. Hexadecimal = 3
Octal = 3

2. Decimal = 97
Hexadecimal = 61

3. Binary = 10010101
Hexadecimal = 95

4. Decimal = 994
Hexadecimal = 3E2

5. Octal = 641
Hexadecimal = 1A1

6. Octal = 1323
Hexadecimal = 2D3

7. Hexadecimal = 353
Octal = 1523

8. Hexadecimal = 374
Octal = 1564

9. Hexadecimal = 5E1
Binary = 10111100001

10. Octal = 3564
Decimal = 1908

Converting Various Base Number Systems (G)

Write each number in the base number system indicated.

1. Binary = 11
Hexadecimal =

2. Hexadecimal = 4F
Octal =

3. Octal = 1222
Binary =

4. Octal = 620
Hexadecimal =

5. Binary = 1011100110
Decimal =

6. Binary = 100110101
Decimal =

7. Decimal = 798
Octal =

8. Binary = 111100011
Hexadecimal =

9. Hexadecimal = 704
Binary =

10. Hexadecimal = 1463
Decimal =

Converting Various Base Number Systems (G) Answers

Write each number in the base number system indicated.

1. Binary = 11
Hexadecimal = 3
2. Hexadecimal = 4F
Octal = 117
3. Octal = 1222
Binary = 1010010010
4. Octal = 620
Hexadecimal = 190
5. Binary = 1011100110
Decimal = 742
6. Binary = 100110101
Decimal = 309
7. Decimal = 798
Octal = 1436
8. Binary = 111100011
Hexadecimal = 1E3
9. Hexadecimal = 704
Binary = 11100000100
10. Hexadecimal = 1463
Decimal = 5219

Converting Various Base Number Systems (H)

Write each number in the base number system indicated.

1. Hexadecimal = 7
Binary =

2. Octal = 64
Decimal =

3. Decimal = 645
Hexadecimal =

4. Octal = 777
Binary =

5. Hexadecimal = 160
Octal =

6. Octal = 742
Decimal =

7. Binary = 1111010001
Hexadecimal =

8. Octal = 505
Hexadecimal =

9. Octal = 10451
Decimal =

10. Binary = 101110101100
Decimal =

Converting Various Base Number Systems (H) Answers

Write each number in the base number system indicated.

1. Hexadecimal = 7
Binary = 111

2. Octal = 64
Decimal = 52

3. Decimal = 645
Hexadecimal = 285

4. Octal = 777
Binary = 11111111

5. Hexadecimal = 160
Octal = 540

6. Octal = 742
Decimal = 482

7. Binary = 1111010001
Hexadecimal = 3D1

8. Octal = 505
Hexadecimal = 145

9. Octal = 10451
Decimal = 4393

10. Binary = 101110101100
Decimal = 2988

Converting Various Base Number Systems (I)

Write each number in the base number system indicated.

1. Hexadecimal = 1
Decimal =

2. Decimal = 43
Hexadecimal =

3. Hexadecimal = C9
Binary =

4. Hexadecimal = A2
Decimal =

5. Decimal = 169
Hexadecimal =

6. Decimal = 111
Octal =

7. Decimal = 232
Octal =

8. Binary = 1111001000
Octal =

9. Hexadecimal = 571
Octal =

10. Decimal = 7263
Binary =

Converting Various Base Number Systems (I) Answers

Write each number in the base number system indicated.

1. Hexadecimal = 1
Decimal = 1

2. Decimal = 43
Hexadecimal = 2B

3. Hexadecimal = C9
Binary = 11001001

4. Hexadecimal = A2
Decimal = 162

5. Decimal = 169
Hexadecimal = A9

6. Decimal = 111
Octal = 157

7. Decimal = 232
Octal = 350

8. Binary = 1111001000
Octal = 1710

9. Hexadecimal = 571
Octal = 2561

10. Decimal = 7263
Binary = 1110001011111

Converting Various Base Number Systems (J)

Write each number in the base number system indicated.

1. Octal = 7
 Decimal =

2. Hexadecimal = 11
 Decimal =

3. Hexadecimal = 8F
 Binary =

4. Decimal = 528
 Octal =

5. Octal = 1727
 Binary =

6. Binary = 10111010
 Decimal =

7. Octal = 426
 Decimal =

8. Hexadecimal = 14A
 Binary =

9. Octal = 20324
 Binary =

10. Hexadecimal = 1226
 Octal =

Converting Various Base Number Systems (J) Answers

Write each number in the base number system indicated.

1. Octal = 7
 Decimal = 7
2. Hexadecimal = 11
 Decimal = 17
3. Hexadecimal = 8F
 Binary = 10001111
4. Decimal = 528
 Octal = 1020
5. Octal = 1727
 Binary = 1111010111
6. Binary = 10111010
 Decimal = 186
7. Octal = 426
 Decimal = 278
8. Hexadecimal = 14A
 Binary = 101001010
9. Octal = 20324
 Binary = 10000011010100
10. Hexadecimal = 1226
 Octal = 11046