Converting Octal to Other Bases (A)

Write each octal number in the base number system indicated.

1. Octal = 1
   Decimal =

2. Octal = 20
   Binary =

3. Octal = 246
   Decimal =

4. Octal = 361
   Hexadecimal =

5. Octal = 416
   Binary =

6. Octal = 1475
   Decimal =

7. Octal = 1100
   Decimal =

8. Octal = 1666
   Decimal =

9. Octal = 7672
   Hexadecimal =

10. Octal = 6620
    Binary =

Converting Octal to Other Bases (A) Answers

Write each octal number in the base number system indicated.

1. Octal = 1
   Decimal = 1

2. Octal = 20
   Binary = 10000

3. Octal = 246
   Decimal = 166

4. Octal = 361
   Hexadecimal = F1

5. Octal = 416
   Binary = 100001110

6. Octal = 1475
   Decimal = 829

7. Octal = 1100
   Decimal = 576

8. Octal = 1666
   Decimal = 950

9. Octal = 7672
   Hexadecimal = FBA

10. Octal = 6620
    Binary = 110110010000

Converting Octal to Other Bases (B)

Write each octal number in the base number system indicated.

1. Octal = 2
   Decimal =

2. Octal = 24
   Decimal =

3. Octal = 440
   Binary =

4. Octal = 1475
   Binary =

5. Octal = 610
   Binary =

6. Octal = 246
   Binary =

7. Octal = 1034
   Decimal =

8. Octal = 1201
   Decimal =

9. Octal = 21274
   Binary =

10. Octal = 4751
    Binary =

Converting Octal to Other Bases (B) Answers

Write each octal number in the base number system indicated.

1. Octal = 2
   Decimal = 2

2. Octal = 24
   Decimal = 20

3. Octal = 440
   Binary = 100100000

4. Octal = 1475
   Binary = 1100111101

5. Octal = 610
   Binary = 110001000

6. Octal = 246
   Binary = 10100110

7. Octal = 1034
   Decimal = 540

8. Octal = 1201
   Decimal = 641

9. Octal = 21274
   Binary = 10001010111100

10. Octal = 4751
    Binary = 100111101001

Converting Octal to Other Bases (C)

Write each octal number in the base number system indicated.

1. Octal = 5
   Hexadecimal =

2. Octal = 130
   Decimal =

3. Octal = 1322
   Hexadecimal =

4. Octal = 340
   Binary =

5. Octal = 656
   Binary =

6. Octal = 1444
   Binary =

7. Octal = 170
   Hexadecimal =

8. Octal = 1356
   Hexadecimal =

9. Octal = 13504
   Binary =

10. Octal = 2136
    Decimal =

Converting Octal to Other Bases (C) Answers

Write each octal number in the base number system indicated.

1. Octal = 5
   Hexadecimal = 5

2. Octal = 130
   Decimal = 88

3. Octal = 1322
   Hexadecimal = 2D2

4. Octal = 340
   Binary = 11100000

5. Octal = 656
   Binary = 110101110

6. Octal = 1444
   Binary = 1100100100

7. Octal = 170
   Hexadecimal = 78

8. Octal = 1356
   Hexadecimal = 2EE

9. Octal = 13504
   Binary = 1011101000100

10. Octal = 2136
    Decimal = 1118

Converting Octal to Other Bases (D)

Write each octal number in the base number system indicated.

1. Octal = 3
   Hexadecimal =

2. Octal = 47
   Decimal =

3. Octal = 1474
   Decimal =

4. Octal = 302
   Hexadecimal =

5. Octal = 1472
   Binary =

6. Octal = 1733
   Hexadecimal =

7. Octal = 276
   Binary =

8. Octal = 1465
   Decimal =

9. Octal = 12661
   Decimal =

10. Octal = 20375
    Hexadecimal =

Converting Octal to Other Bases (D) Answers

Write each octal number in the base number system indicated.

1. Octal = 3
   Hexadecimal = 3

2. Octal = 47
   Decimal = 39

3. Octal = 1474
   Decimal = 828

4. Octal = 302
   Hexadecimal = C2

5. Octal = 1472
   Binary = 1100111010

6. Octal = 1733
   Hexadecimal = 3DB

7. Octal = 276
   Binary = 10111110

8. Octal = 1465
   Decimal = 821

9. Octal = 12661
   Decimal = 5553

10. Octal = 20375
    Hexadecimal = 20FD

Converting Octal to Other Bases (E)

Write each octal number in the base number system indicated.

1. Octal = 6
   Hexadecimal =

2. Octal = 103
   Binary =

3. Octal = 747
   Decimal =

4. Octal = 240
   Binary =

5. Octal = 726
   Decimal =

6. Octal = 1700
   Binary =

7. Octal = 1717
   Binary =

8. Octal = 407
   Decimal =

9. Octal = 4357
   Hexadecimal =

10. Octal = 13774
    Decimal =

Converting Octal to Other Bases (E) Answers

Write each octal number in the base number system indicated.

1. Octal = 6
   Hexadecimal = 6

2. Octal = 103
   Binary = 1000011

3. Octal = 747
   Decimal = 487

4. Octal = 240
   Binary = 10100000

5. Octal = 726
   Decimal = 470

6. Octal = 1700
   Binary = 1111000000

7. Octal = 1717
   Binary = 1111001111

8. Octal = 407
   Decimal = 263

9. Octal = 4357
   Hexadecimal = 8EF

10. Octal = 13774
    Decimal = 6140

Converting Octal to Other Bases (F)

Write each octal number in the base number system indicated.

1. Octal = 3
   Hexadecimal =

2. Octal = 132
   Decimal =

3. Octal = 267
   Hexadecimal =

4. Octal = 733
   Hexadecimal =

5. Octal = 1210
   Binary =

6. Octal = 436
   Hexadecimal =

7. Octal = 1277
   Hexadecimal =

8. Octal = 1121
   Decimal =

9. Octal = 7011
   Binary =

10. Octal = 17177
    Decimal =

Converting Octal to Other Bases (F) Answers

Write each octal number in the base number system indicated.

1. Octal = 3
   Hexadecimal = 3

2. Octal = 132
   Decimal = 90

3. Octal = 267
   Hexadecimal = B7

4. Octal = 733
   Hexadecimal = 1DB

5. Octal = 1210
   Binary = 1010001000

6. Octal = 436
   Hexadecimal = 11E

7. Octal = 1277
   Hexadecimal = 2BF

8. Octal = 1121
   Decimal = 593

9. Octal = 7011
   Binary = 111000001001

10. Octal = 17177
    Decimal = 7807

Converting Octal to Other Bases (G)

Write each octal number in the base number system indicated.

1. Octal = 2
   Binary =

2. Octal = 74
   Binary =

3. Octal = 1374
   Hexadecimal =

4. Octal = 476
   Binary =

5. Octal = 746
   Binary =

6. Octal = 1623
   Decimal =

7. Octal = 202
   Decimal =

8. Octal = 507
   Decimal =

9. Octal = 12765
   Hexadecimal =

10. Octal = 7600
    Hexadecimal =

Converting Octal to Other Bases (G) Answers

Write each octal number in the base number system indicated.

1. Octal = 2
   Binary = 10

2. Octal = 74
   Binary = 111100

3. Octal = 1374
   Hexadecimal = 2FC

4. Octal = 476
   Binary = 100111110

5. Octal = 746
   Binary = 111100110

6. Octal = 1623
   Decimal = 915

7. Octal = 202
   Decimal = 130

8. Octal = 507
   Decimal = 327

9. Octal = 12765
   Hexadecimal = 15F5

10. Octal = 7600
    Hexadecimal = F80

Converting Octal to Other Bases (H)

Write each octal number in the base number system indicated.

1. Octal = 10
   Hexadecimal =

2. Octal = 131
   Decimal =

3. Octal = 157
   Hexadecimal =

4. Octal = 1402
   Decimal =

5. Octal = 1656
   Binary =

6. Octal = 1043
   Decimal =

7. Octal = 207
   Binary =

8. Octal = 1136
   Binary =

9. Octal = 20113
   Binary =

10. Octal = 3065
    Hexadecimal =

Converting Octal to Other Bases (H) Answers

Write each octal number in the base number system indicated.

1. Octal = 10
   Hexadecimal = 8

2. Octal = 131
   Decimal = 89

3. Octal = 157
   Hexadecimal = 6F

4. Octal = 1402
   Decimal = 770

5. Octal = 1656
   Binary = 1110101110

6. Octal = 1043
   Decimal = 547

7. Octal = 207
   Binary = 10000111

8. Octal = 1136
   Binary = 1001011110

9. Octal = 20113
   Binary = 10000001001011

10. Octal = 3065
    Hexadecimal = 635

Converting Octal to Other Bases (I)

Write each octal number in the base number system indicated.

1. Octal = 2
   Binary =

2. Octal = 120
   Hexadecimal =

3. Octal = 460
   Decimal =

4. Octal = 461
   Binary =

5. Octal = 635
   Decimal =

6. Octal = 237
   Hexadecimal =

7. Octal = 514
   Decimal =

8. Octal = 265
   Decimal =

9. Octal = 6777
   Binary =

10. Octal = 5220
    Binary =

Converting Octal to Other Bases (I) Answers

Write each octal number in the base number system indicated.

1. Octal = 2
   Binary = 10

2. Octal = 120
   Hexadecimal = 50

3. Octal = 460
   Decimal = 304

4. Octal = 461
   Binary = 100110001

5. Octal = 635
   Decimal = 413

6. Octal = 237
   Hexadecimal = 9F

7. Octal = 514
   Decimal = 332

8. Octal = 265
   Decimal = 181

9. Octal = 6777
   Binary = 110111111111

10. Octal = 5220
    Binary = 101010010000

Converting Octal to Other Bases (J)

Write each octal number in the base number system indicated.

1. Octal = 6
   Hexadecimal =

2. Octal = 101
   Decimal =

3. Octal = 421
   Binary =

4. Octal = 701
   Decimal =

5. Octal = 1151
   Binary =

6. Octal = 1734
   Decimal =

7. Octal = 1664
   Decimal =

8. Octal = 1033
   Hexadecimal =

9. Octal = 2026
   Hexadecimal =

10. Octal = 12170
    Decimal =

Converting Octal to Other Bases (J) Answers

Write each octal number in the base number system indicated.

1. Octal = 6
   Hexadecimal = 6

2. Octal = 101
   Decimal = 65

3. Octal = 421
   Binary = 100010001

4. Octal = 701
   Decimal = 449

5. Octal = 1151
   Binary = 1001101001

6. Octal = 1734
   Decimal = 988

7. Octal = 1664
   Decimal = 948

8. Octal = 1033
   Hexadecimal = 21B

9. Octal = 2026
   Hexadecimal = 416

10. Octal = 12170
    Decimal = 5240