

# OCTAL NUMBER SYSTEM (BASE-8)

Reference Chart: Decimal to Octal Conversion

## DECIMAL

0

1

2

3

4

5

6

7

8

9

## DECIMAL

10

11

12

13

14

15

## OCTAL

0

1

2

3

4

5

6

7

10

11

## OCTAL

12

13

14

15

16

17

**DECIMAL**

16

17

18

19

**OCTAL****20****21****22****23****Quick Rules:**

- Base: 8
- Digits used: 0, 1, 2, 3, 4, 5, 6, 7
- Place values:  $8^2$  (64),  $8^1$  (8),  $8^0$  (1)