1.NUMBER FUNCTIONS

CEIL
Smallest integer greater than or
equal to a decimal value
```
SELECT CEIL(12345.67) FROM DUAL;
```

FLOOR
Returns the largest integer less than
or equal to a decimal value
```
SELECT FLOOR(12345.67) FROM DUAL;
```

GREATEST
Returns the largest of multiple values
```
SELECT GREATEST(9, 67.6, 10) FROM DUAL;
```

LEAST
Returns the smallest of multiple values
```
SELECT LEAST(9, 67.6, 10) FROM DUAL;
```

POWER
Returns value raised to a power

```
SELECT 2*2*2 FROM DUAL;
SELECT POWER(2,3) FROM DUAL;
```

ROUND

Returns a value rounded to integer
places
```
SELECT ROUND(3.1415926, 4) FROM DUAL;
```

SQRT
Returns the square root of a
number
```
SELECT SQRT(25) FROM DUAL;
```

2. STRING FUNCTIONS

LENGTH
String Length
```
SELECT LENGTH('Dan Morgan') FROM DUAL;
```

UPPER
```
SELECT UPPER('Dan Morgan') FROM DUAL;
```
LOWER
```
SELECT LOWER('Dan Morgan') FROM DUAL;
```
INITCAP
```
SELECT INITCAP('DAN MORGAN') FROM DUAL;
```

CONCAT
Concatenate
```
SELECT CONCAT('Dan ', 'Morgan') FROM DUAL;
```

LTRIM
Trims Leading Spaces
```
SELECT LTRIM(' Dan Morgan ') FROM DUAL;
```

RTRIM
Trims Trailing Spaces
```
SELECT RTRIM(' Dan Morgan ') FROM DUAL;
```

REVERSE
Reverse
```
SELECT REVERSE('Dan Morgan') FROM DUAL;
```

SUBSTR
Sub String
```
SELECT SUBSTR('Life is beautiful', 6,2) FROM DUAL;
```

3.DATE FUNCTIONS

SYSDATE
System Date
```
SELECT SYSDATE FROM DUAL;
```

ADD_MONTHS
Add A Month To A Date
```
SELECT ADD_MONTHS(SYSDATE, 2) FROM DUAL;
```

MONTHS_BETWEEN
Add A Month To A Date
```
SELECT MONTHS_BETWEEN(SYSDATE,'24-JUL-16') FROM DUAL;
```

LAST_DAY
Returns The Last Date Of A Month
```
SELECT LAST_DAY(SYSDATE) FROM DUAL;
```

4. CONVERSION FUNCTIONS

TO_CHAR
Converts numbers / dates into character
```
SELECT TO_CHAR(96584) FROM DUAL;
SELECT LENGTH(TO_CHAR(96584)) FROM DUAL;
```

TO_DATE
Converts character date into SQL Date data type
```
SELECT TO_DATE('12-JUN-14') FROM DUAL;
```