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| **Description** | **Oracle** | **MS SQL Server** |
| Smallest integer >= n | CEIL | CEILING |
| Modulus | MOD | % |
| Truncate number | TRUNC | <none> |
| Max or min number or string in list | GREATEST, LEAST | <none> |
| Translate NULL to n | NVL | ISNULL |
| Return NULL if two values are equal | DECODE | NULLIF |
| String concatenation | CONCAT(str1,str2) | str1 + str2 |
| Convert ASCII to char | CHR | CHAR |
| Capitalize first letters of words | INITCAP | <none> |
| Find string in string | INSTR | CHARINDEX |
| Find pattern in string | INSTR | PATINDEX |
| String length | LENGTH | DATALENGTH |
| Pad string with blanks | LPAD, RPAD | <none> |
| Trim leading or trailing chars other than blanks | LTRIM(str,chars), RTRIM(str,chars) | <none> |
| Replace chars in string | REPLACE | STUFF |
| Convert number to string | TO\_CHAR | STR, CAST |
| Convert string to number | TO\_NUMBER | CAST |
| Get substring from string | SUBSTR | SUBSTRING |
| Char for char translation in string | TRANSLATE | <none> |
| Date addition | ADD\_MONTH or + | DATEADD |
| Date subtraction | MONTHS\_BETWEEN or - | DATEDIFF |
| Last day of month | LAST\_DAY | <none> |
| Time zone conversion | NEW\_TIME | <none> |
| Next specified weekday after date | NEXT\_DAY | <none> |
| Convert date to string | TO\_CHAR | DATENAME, CONVERT |
| Convert string to date | TO\_DATE | CAST |
| Convert date to number | TO\_NUMBER(TO\_CHAR(d)) | DATEPART |
| Date round | ROUND | CONVERT |
| Date truncate | TRUNC | CONVERT |
| Current date | SYSDATE | GETDATE |
| Convert hex to binary | HEXTORAW | CAST |
| Convert binary to hex | RAWTOHEX | CONVERT |
| If statement in an expression | DECODE | CASE ... WHEN or COALESCE |
| User's login id number or name | UID, USER | SUSER\_ID, SUSER\_NAME |
| User's database id number or name | UID, USER | USER\_ID, USR\_NAME |
| Current user | USER | USER |