

# Oracle Date Notes

## Vocab

AS	Format mask	SYSDATE
CAST	INTERVAL DAY TO SECOND	TIMESTAMP
DATE	INTERVAL YEAR TO MONTH	TO_CHAR
Dual table	NUMTODSINTERVAL	TO_DATE
EXTRACT	NUMTOYMINTERVAL	TRUNC

## Questions

What is the default display format of a DATE in Oracle?  
 What are the parameters in the TO\_CHAR method?  
 What are the parameters in the TO\_DATE function?  
 What do each of these format masks represent?

Format Mask	Meaning	Format Mask	Meaning
YYYY		DD	
RR		DAY	
MM		DY	
MON		HH	
Mon		HH24	
Month		MI	
Ddspth		SS	
fm*		Year	

How do you add days to a date?  
 How do you add hours to a date?  
 How do you add minutes to a date?  
 What **MUST** be done for any use of a function in a SELECT clause?  
 How do you ask a question when there is NO database?  
 Does the case matter with a format mask?  
 How do you match a date in a WHERE clause?

What is a problem with using two digits for the year?

How do you remove part of an answer?

Can you use relational operators (<, >, <=, >=) on a date?

Can you use BETWEEN ... AND ... on a date?

How do you calculate the years between two dates?

What function is used to take part of a TIMESTAMP out of the result

How do you nest the TO\_CHAR and TO\_DATE functions to get a four digit year displayed?

What are the parameters for the NUMTOYMINTERVAL method?

What are the parameters for the NUMTODSINTERVAL method?

What can be extracted from an INTERVAL?

What keyword is needed when using CAST?

What data type can use fractional seconds?