

## 24-Hour Clock Time



Digital watches show time in 24 hours. In case of 24-hour clock, the day runs from midnight to midnight and is divided into 24 hours, which shows the hours passed since midnight, from 0 to 23. In 24 hours clock time is shown in 4 digits.

12 o'clock midnight is expressed as 0000 hrs. And 12 o'clock noon is expressed as 1200 hrs.

### Converting 24 hours clock time to 12 hours clock time.

In this case use a.m. if number of hours is less than 12 and if numbers of hours is more than

12 then subtract 12 from the number of hours given and use p.m.



### Let us understand with some examples:

**Example 1:** 0400 hrs.

**Solution:** Here, number of hours is less than 12.

So, time according to 12 hours clock time is 4:00 a.m.

**Example 2:** 1640 hrs.

**Solution:** Here, number of hours is more than 12.

So, we will subtract 12 from 16 hours and use p.m.

Time according to 12 hours clock is  $(16 - 12 = 4)$  hrs. = 4:40 p.m.

## 24-Hour Clock Time



### Converting 12 hours clock time to 24 hours clock time.

If the time given is before 1 p.m., simply write the hours and minutes in the 24 hours clock time format. Beyond 1 p.m. add 12 to the hour part of the given time.



### Let us understand with some examples:

**Example 1:** 8:25 a.m.

**Solution:** Here time is before 1 p.m. So, we will simply write the time in 24 hours clock time format

**0835 hrs.**

**Example 2:** 9:20 p.m.

**Solution:** Here time is beyond 1 p.m. So, we will add 12 to the hour part of the given time.

$(9 + 12 = 21)$  hrs.

**2120 hrs.**