

## CONVERTING 12 HOUR TO 24 HOUR

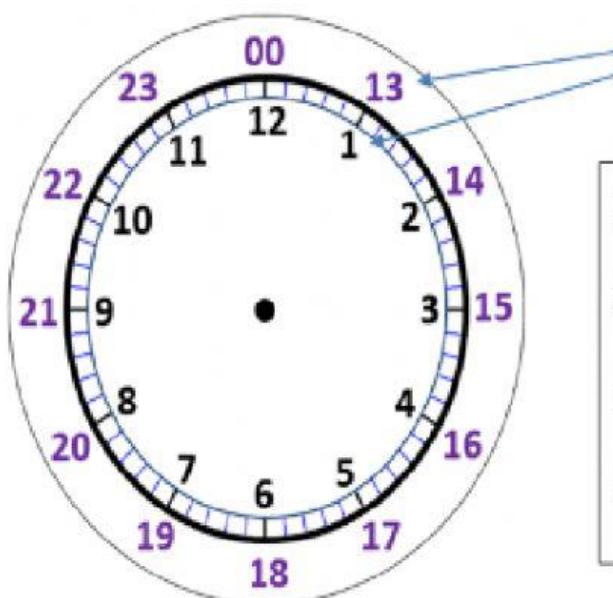


### CLOCK TIMES SHEET 1

The 24 hour clock does not have am and pm times.

To change an am time to a 24 hour time, you don't need to do anything unless it is 12am in which case the hour changes to 00. Add a zero before a single digit hour.

To change a pm time to a 24 hour time, just add 12 to the hour, unless it is 12pm. If the hour is 12pm then it does not change.



1:00pm becomes 13:00 in 24 hour time.

#### Examples

9:05am is 09:05      9:05pm is 21:05

7:27am is 07:27      7:27pm is 19:27

12:10am is 00:10      12:10pm is 12:10

Convert these times into 24 hour clock times.

12 hour	24 hour
12:56 a.m.	:
12:01 p.m.	:
11:45 p.m.	:
11:15 a.m.	:
9:42 a.m.	:
9:06 p.m.	:
7.08 p.m.	:

24 hour	12 hour
11.08	:
12.02	:
00:21	:
08:15	:
00:12	:
23:11	:
16:30	:

### How long until the next hour?

a/13:45 - minutes      b/12:23 - minutes      c/8:05 - minutes

d/ 09:18 - minutes      e/1:26 - minutes      f/ 3:09 - minutes

f/ 23:52 - minutes      g/ 13:32 - minutes      h/ 03:45 - minutes

**12 hour time**

**24 hour time**

**half past 6 in the morning**

**half past midnight**

**half past midday**

**half past 4 in the afternoon**

**half past 11 in the morning**

**half past eight at night**

	Start time	Finishing Time	Duration
Movie A	9:45 a.m	11:15 a.m	hr min
Movie B	4:30 p.m	18:15	hr min
Movie C	11:55 a.m.	14:00	hr min

### Calculate the duration between clocks

Clock A	Clock B	Duration
11:45 a.m.	11:45 p.m	hr min
11:45 a.m.	23:45	hr min
10:00 a.m.	22:05	hr min
12:00 p.m.	00:05	hr min

