|  |  |
| --- | --- |
| **12 hour time** | **24 hour time** |
| 12:00 am (midnight) | 00:00 |
| 1:00 am | 01:00 |
| 2:00 am | 02:00 |
| 3:00 am | 03:00 |
| 4:00 am | 04:00 |
| 5:00 am | 05:00 |
| 6:00 am | 06:00 |
| 7:00 am | 07:00 |
| 8:00 am | 08:00 |
| 9:00 am | 09:00 |
| 10:00 am | 10:00 |
| 11:00 am | 11:00 |
| 12:00 am (noon) | 12:00 |
| 1:00 pm | 13:00 |
| 2:00 pm | 14:00 |
| 3:00 pm | 15:00 |
| 4:00 pm | 16:00 |
| 5:00 pm | 17:00 |
| 6:00 pm | 18:00 |
| 7:00 pm | 19:00 |
| 8:00 pm | 20:00 |
| 9:00 pm | 21:00 |
| 10:00 pm | 22:00 |
| 11:00 pm | 23:00 |

**L.I. – to convert between 12 and 24 hour time**

**Read the following information…**

When you are telling the time on a digital clock, it will either be in 12 hour time or 24 hour time.

24 hour time is often in timetables like the ones you see at the bus station or the cinema.

Every 12 hour time can be converted into a 24 hour time, shown in the table.

4:00 pm = 16:00 …they mean exactly the same thing!

You can convert them by subtracting 12 from the 24 hour time

16.00 – 12.00 = 4.00 pm

18.00 – 12.00 = 6.00 pm

It is important that you know how to understand both.

**Task 1**

Using the table above, answer the following questions.

1. What is 3:00 pm in 24 hour time?
2. What is 18:00 in 12 hour time?
3. What is 11:00 pm in 24 hour time?
4. What is 07:00 in 12 hour time?
5. Is 19:00 a 12 hour time or a 24 hour time? How do you know?
6. Is 9:00 pm a 12 hour time or a 23 hour time? How do you know?

**Task 2**

Have a look at your mum/dad/brother/sisters phone (or yours if you have one). Does it have a digital clock? Is it in 24 hour time or 12 hour time? Write down the time it shows in **both** 12 hour time and 24 hour time.

**Task 3**

Now try to convert these times to 12 hour times without using the table. Use the subtract 12 hour method: 22:00 17:00 13:00 20:00 15:00