



## Reading 24 hour times

**Example** - what is 17.42 in the 12 hour clock?

Again start by taking 12 from the hours:  $17 - 12 = 5$ .

So **17.42** is the same as **5.42 pm**, which is 42 minutes past 5 in the evening.

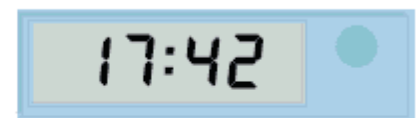
It's useful to know this time as 'so many minutes' to 6 as well, so how do we work out the minutes before 6?

Take the minutes away from 60, as there are 60 minutes in 1 hour:

$$60 - 42 = 18$$

So it's 18 minutes to 6 in the evening.

There are 18 minutes to go until 6 p.m.



This is the same time in the 24 hour clock.

OPENING HOURS		
Monday	8.45	18.00
Tuesday	8.45	18.00
Wednesday	8.45	18.00
Thursday	8.45	18.00
Friday	8.45	18.00
Saturday	9.00	17.30
Sunday	10.30	16.30

Look at the opening hours for this shop. What time does it close during the week? What about Saturday and Sunday?

Monday to Friday it closes at 18.00 which is 6.00 pm.

On Saturday it's 17.30 which is 5.30 pm.

On Sunday it closes at 16.30 which is 4.30 pm.

What about converting a time into the 24 hour system? For example what is **3.36 pm** in the 24 hour clock?

This time is pm, so add 12 onto the hours (the number in front of the point):

$$3 + 12 = 15$$

So **3.36 pm** will be **15.36** in the 24 hour clock.