

Today, we are going to be converting between digital and analogue clocks, except using both 12-hour and 24-hour clocks.

Please go through the presentation on the website carefully. It explains exactly how 24-hour clocks work, then complete the worksheet on the website.

**A NOTE FOR PARENTS - Please randomly ask your children throughout the day and rest of the week what time it is on both analogue and digital clocks. Thank you.**

To remember when using 24-hour clocks:

## 24 Hour Hours

This clock and table show the corresponding hours on a 24 hour clock.



0:00 = 12:00 AM	12:00 = 12:00 PM
01:00 = 1:00 AM	13:00 = 1:00 PM
02:00 = 2:00 AM	14:00 = 2:00 PM
03:00 = 3:00 AM	15:00 = 3:00 PM
04:00 = 4:00 AM	16:00 = 4:00 PM
05:00 = 5:00 AM	17:00 = 5:00 PM
06:00 = 6:00 AM	18:00 = 6:00 PM
07:00 = 7:00 AM	19:00 = 7:00 PM
08:00 = 8:00 AM	20:00 = 8:00 PM
09:00 = 9:00 AM	21:00 = 9:00 PM
10:00 = 10:00 AM	22:00 = 10:00 PM
11:00 = 11:00 AM	23:00 = 11:00 PM

Midnight is referred to as 00:00

Extra challenges:

 Match the analogue and digital times.




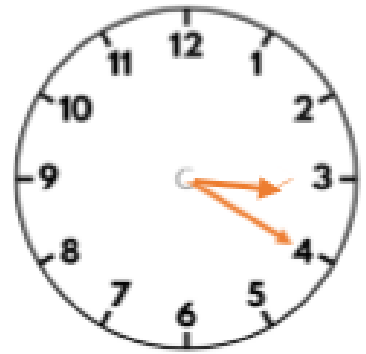
13:10

07:10

00:45

21:20

 Sally leaves school at the time shown.  
 She arrives home 1 hour later.  
 What will the time be on a 24 hour digital clock?



Three children are meeting in the park.

Rosie says,



We are meeting at 14:10.

Teddy says,



We are meeting at 02:10 p.m.

Eva says,



We are meeting at ten to two.

Will all the children meet at the same time?  
 Explain your answer.

Jack says,



To change any time after midday from 12 hours to 24 hours digital time just add 12 to the hours

Will this always be true? Are there any examples where this isn't the case?

Can you match the time dominoes together so that the touching times are the same?

20:55 Ten to two	13:50 Five to ten	09:55 Ten to three
15:05 Ten past 4	02:50 Five past 3	16:10 Five to nine