Convert from the 24-hour clock
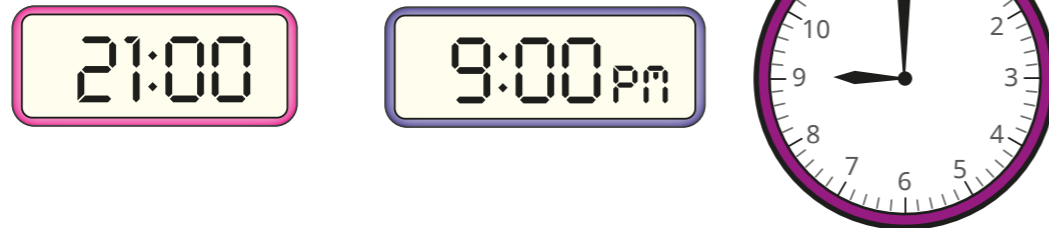
1 What is the same and what is different about the clocks in each set?

a)

9:00   9:00am

b)

21:00   9:00pm

2 Match the times.

19:00		9:00 am
07:00		7:00 pm
19:19		7:00 am
09:00		7:19 pm
21:00		9:00 pm

3 Dani is converting 24-hour clock times to 12-hour clock times.
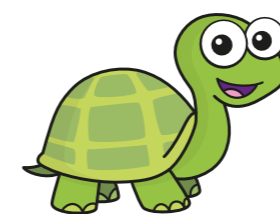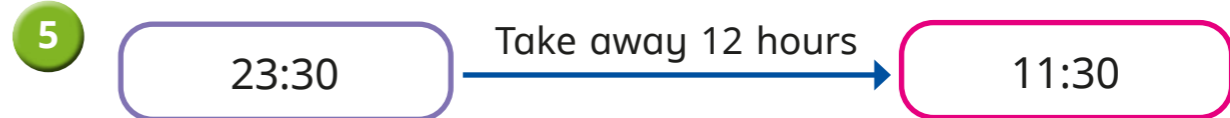
> 12:30 is 12:30 pm
> 00.30 is 12:30 am

Do you agree with Dani? _____

Explain your answer.

4 Write the times as 12-hour clock times using am or pm.

24-hour clock	12-hour clock
06:10	
18:10	
21:12	
12:45	
00:45	

5

| 23:30 | Take away 12 hours → | 11:30 |

To change from 24-hour to 12-hour digital time, I just have to subtract 12 from the hours.

Does Tiny's method always work? _____

Explain your reasons.

6 Complete the sequences by writing the next two times as 12-hour clock times, using am or pm.

a)
| 13:40 | 15:40 | 17:40 | : | : |

b)
| 23:00 | 21:30 | 20:00 | : | : |

c)
| 08:30 | 09:45 | 11:00 | : | : |

d)
| 02:45 | 02:00 | 01:15 | : | : |

7 Tommy leaves his house to go to the cinema.

It takes him 1 hour and 35 minutes to get there.

When he arrives, the time on his watch is | 13:10 |

What time did Tommy leave his house?

Write your answer as a 12-hour clock time.

_____

8 In Spring, we put the clocks forward an hour.

Mr Jones has forgotten to put the clocks forward.

His watch shows | 23:41 |

What is the correct time?

Write your answer as a 12-hour clock time.

_____

9 The time 15:51 is palindromic.

If you write the digits forwards or backwards, the time is the same.

Write five other 24-hour clock times that are palindromic.

_____

_____

Convert your times to 12-hour clock times.

_____

_____

Compare answers with a partner.