

Workcard

Number

M42w2

Level: 4

Strand: Measurement

Substrand: Direct Measure

Time flies when you're having fun

Its Fourteen hundred hours, should I wear a hat to stop the sun or should I get out my telescope to look at the stars?

Time is commonly measured in hours, minutes and seconds.

There are _____ hours in a day but most clocks only have 12 hours marked on them. When break the day into two parts am and pm.

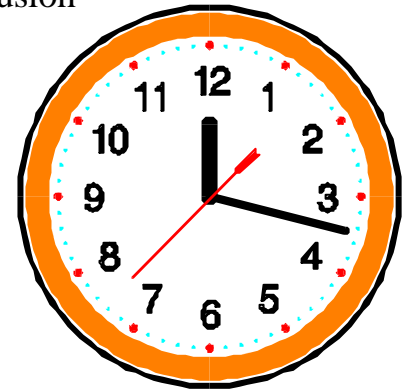
What do am and pm mean? If you know write down the meaning.

am

pm

Sometimes a twenty-four hour clock is used so there is no confusion about whether a time is am or pm

0000 hours is Midnight
 0700 hours is 7am
 1100 hours is 11am
 1200 hours is Noon or midday
 1300 hours is 1 pm
 1800 hours is 6pm



Now you convert these times

12 hour time	Twenty four hour time
5 am	
10 am	
2 pm	
10 pm	
11.30pm	

12 hour time	Twenty four hour time
	1700
	0200

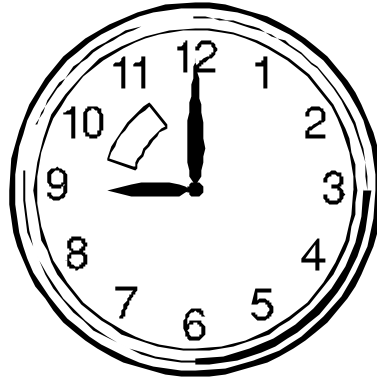
Describe how to convert a 12 hour time to a 24 hour time.

Describe how to convert a 24 hour time to a 12 hour time.

Where would you see 24 hour times being used? Who would use it?

What are the advantages of using a twenty-four hour clock?

You know what a 12-hour clock looks like. Now you have to design a 24-hour clock. Take your time and make the diagram as good as possible.



Make sure your markings are neat and accurate. Make the spacing between the hours accurate.

Reflection

What did you do well in this activity?

What could have you improved?

What new things have you learnt?

