

## Y4 A2 WEEK 1 MATHS LESSON 3

**LO:** To convert time between analogue and digital 12- and 24-hour clocks.

**Starter:** Recap  $\times$  and  $\div$  by 10 and 100 from last half term. Remember to use the place value charts to move the digits to the left and right.

### X10

$65 \times 10 =$

$15 \times 10 =$

$172 \times 10 =$

$893 \times 10 =$

$3.2 \times 10 =$

### X100

$6 \times 100 =$

$8.2 \times 100 =$

$99 \times 100 =$

$58 \times 100 =$

$0.2 \times 100 =$

### $\div 10$

$70 \div 10 =$

$17 \div 10 =$

$0.8 \div 10 =$

$2 \div 10 =$

$8722 \div 10 =$

### $\div 100$

$93 \div 100 =$

$143 \div 100 =$

$900 \div 100 =$

$8,652 \div 100 =$

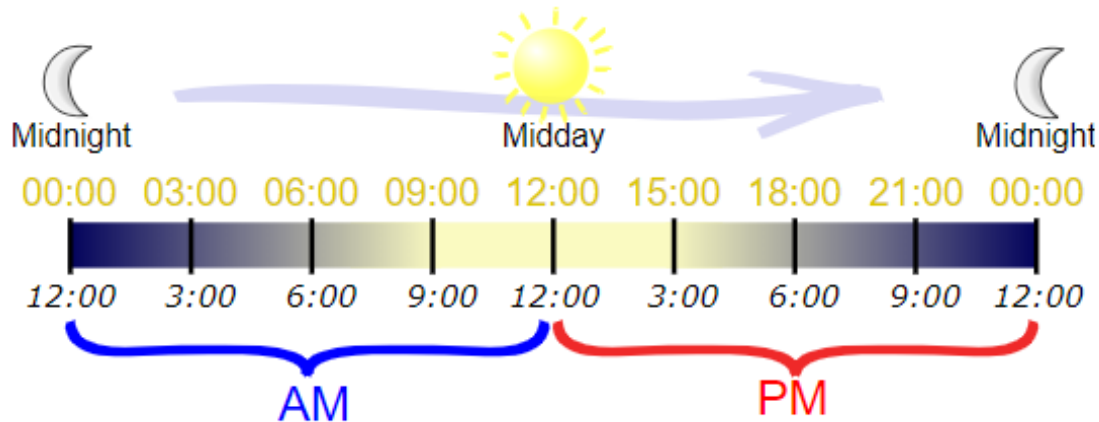
$8944 \div 100 =$

Ten Thousands	Thousands	Hundreds	Tens	Ones	tenths	hundredths	thousandths
TTh	Th	H	T	O	t	h	th

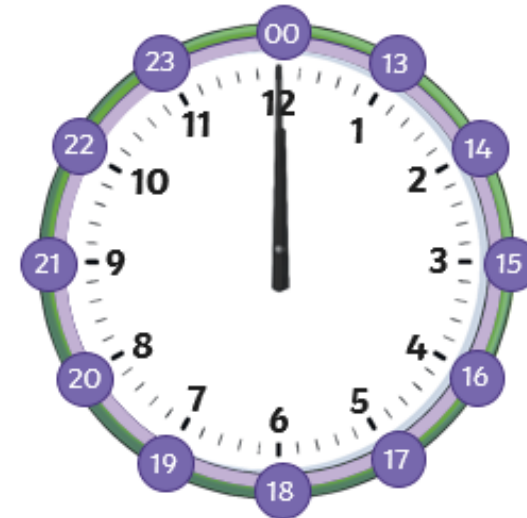
**Task 1:** Today we are going to be looking at using AM and PM and converting between the 12 and the 24 hour clock.

On a 24-hour clock, the time is shown as how many hours and minutes have passed since midnight. When the hour hand has gone all the way round the clock once, we keep counting all the way up to 24 because there is 24 hours in one full day. We do not need to use AM or PM.

To convert between the 12 hour and the 24 hour clock you add 12 to the hour but only after midday.



	AM	PM
What does it mean?	<b>Ante Meridiem</b> <i>Latin for 'before midday'</i>	<b>Post Meridiem</b> <i>Latin for 'after midday'</i>
When?	Midnight to Noon	Noon to Midnight
24 Hour Clock:	00:00 to 11:59	12:00 to 23:59



**Task 2:** Independent task

Complete the table by converting the following times from the 12-hour clock to the 24-hour clock.

<u>Time in words</u>	<u>24 Hour Clock</u>	<u>12 Hour Clock</u>
Seven o'clock in the evening	19:00	07:00PM
		11:15AM
	14:20	
		08:35PM
Midday		
	13:30	
		09:45AM
Seven minutes to eight in the evening		
	20:10	