



# Maths Knowledge Organiser- Time- Year 3

## Key Vocabulary

12-hour time

24-hour time

Roman numerals

analogue

digital

hours

minutes

seconds

o'clock

half past

quarter past

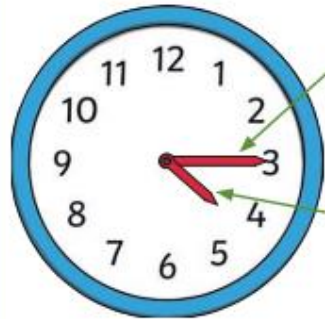
quarter to

midday

midnight

noon

## Analogue and Digital Clocks



### Minute Hand

The long hand points to the minutes past or the minutes to the hour.

### Hour Hand

The short hand points to the hour. If this hand is pointing between hours, it is either past the earlier hour or to the later hour.



twelve o'clock



quarter past twelve

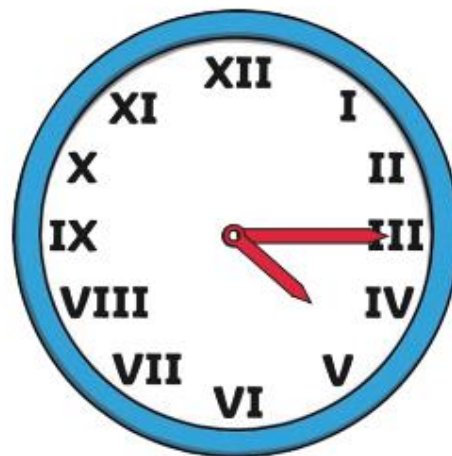


half past twelve



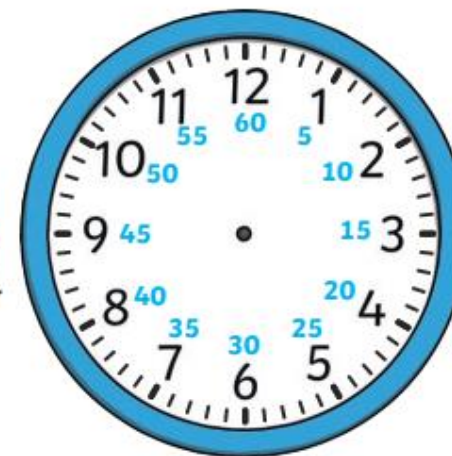
quarter to one

## Time and Roman Numerals



## Hours, Minutes and Seconds

There are **60 seconds** in an minute.



There are **60 minutes** in an hour.



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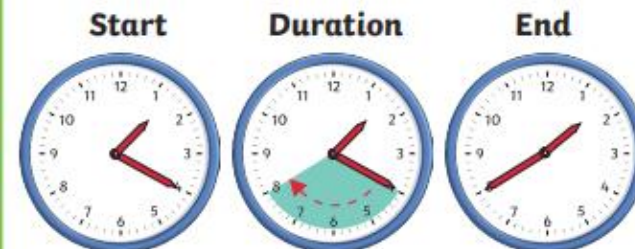
## 24-Hour Time

There are 24 hours in a day.



	13:00	1 p.m.	1 o'clock	
	14:00	2 p.m.	2 o'clock	
	15:00	3 p.m.	3 o'clock	
	16:00	4 p.m.	4 o'clock	
	17:00	5 p.m.	5 o'clock	
	18:00	6 p.m.	6 o'clock	
	19:00	7 p.m.	7 o'clock	
	20:00	8 p.m.	8 o'clock	
	21:00	9 p.m.	9 o'clock	
	22:00	10 p.m.	10 o'clock	
	23:00	11 p.m.	11 o'clock	
	00:00	12 a.m.	12 o'clock	

## Calculate Durations of Time



20 minutes has passed.

## Compare Durations of Time

Compare the time using the vocabulary 'longer' and 'shorter'.

180 seconds	is the same as	3 minutes.
90 minutes	is shorter than	2 hours.
48 hours	is longer than	1 day.