

## Measuring time

How many days in a year? 365

How many months in a year?

12

How many weeks in a year? 52

Can you list the months of the year in order?

What was special about 29-02-2012?

## The months of the year

30 days has September,

April, June and November,

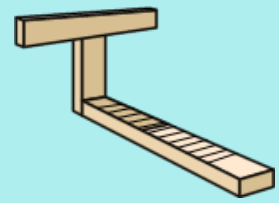
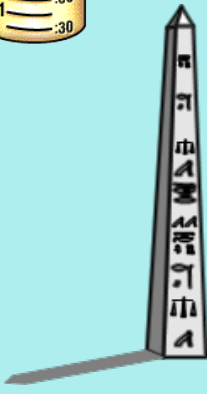
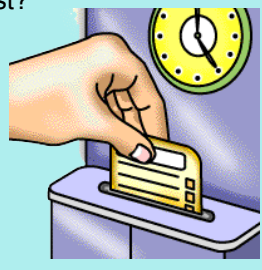
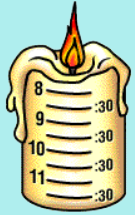
All the rest have 31,

Except February clear,

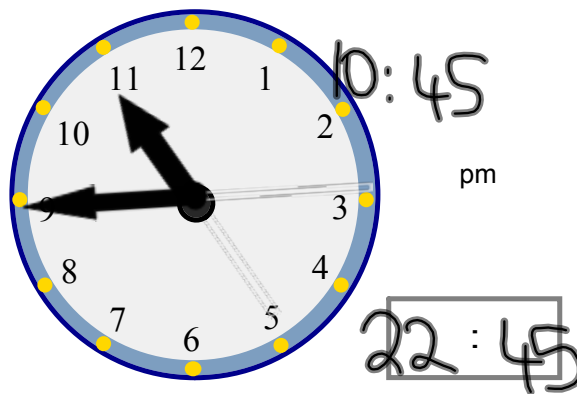
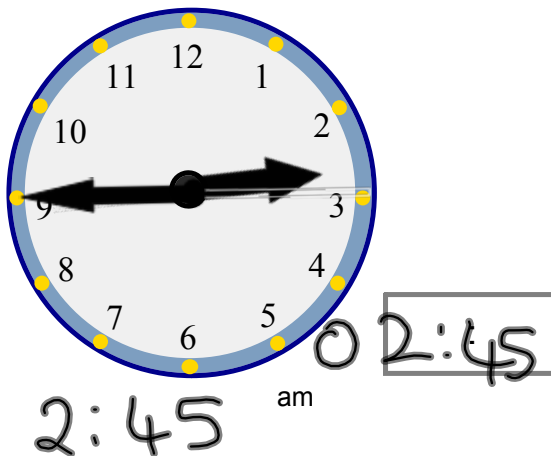
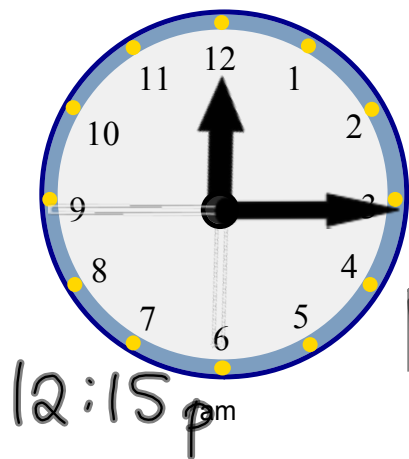
Which has 28

And 29 in each leap year.

How did people mark time in the past?



The 24 hour clock

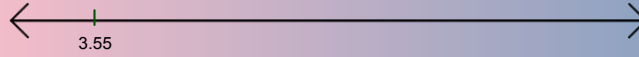


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## Counting on in minutes or hours

Lauren put some fairy cakes in the oven at 3.55pm and they take 20 minutes. When will they be ready?

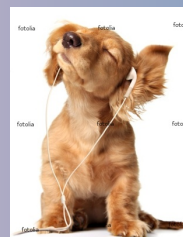


Ian take a train that leaves Cambridge at 2.35pm and arrives in London 50 minutes later. When does it arrive?



Chloe goes shopping for 2 and a half hours in Cambridge. If she starts at 4.45, when does she finish?

?’s puppy listens to music from 6.40 to 7.35pm. How long does she listen for?



Ollie takes a plane to Spain. It leaves at 12.30 and arrives at 3.15pm. How long is the journey?

## Haverhill to Cambridge

1. What time does the first bus leave Haverhill?
2. What time does it arrive at Western Colville, Mill Hill?
3. What time does the 7.10 from Haverhill arrive at
  - a) Cambridge, Grafton Centre?
  - b) Ida Darwin Hospital?
  - c) Cambridge, Emmanuel Street?
  - d) does it stop at West Wickham?
4. a) What time does the 11.55 arrive at Withersfield, Nuns Corner?
  - b) How long does the journey take?
  - c) Under the number of the bus it says MWF. What do you think MWF means?

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**Speed, distance and time**



A Ferrari travels 140 miles for 2 hours. What is the average speed?

An Austin Ruby takes 7 hours to do the journey. What is its average speed?



The shuttle travels 51000 miles in 3 hours. What is its average speed?

A spaceman travels one quarter of a mile in 20 mins. What is his average speed?



Find the average speed in km/h, of a fish that travels 100m in two minutes.



Find a formula linking speed, distance and time.

A student ran at 5km/h for 3 hours. How far did she travel?



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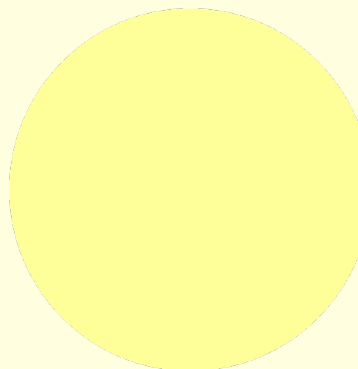


An ant crawled at 2km/h for 7 minutes. How far did he travel?

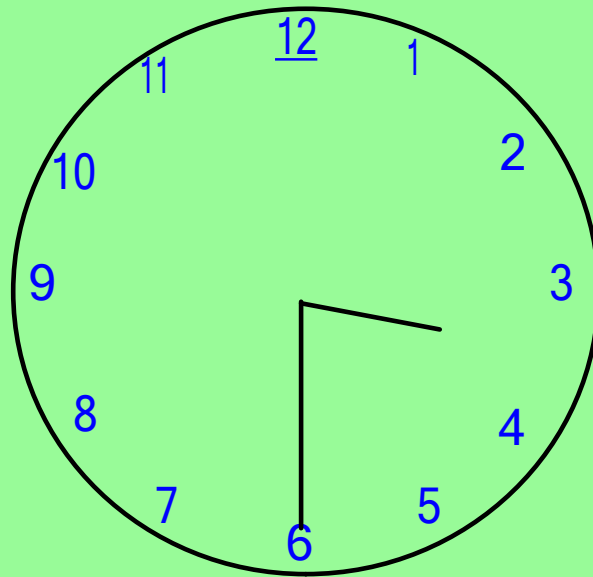
A dragon fly flew at 5km/h for a distance of 2.5 km. How long did the journey take?



Light travels at an approx speed of 1000 000 000 km/hour. The distance from the earth to the sun is about 147 000 000 km. How long does it take for the light to travel from the sun to earth?



# Marking Time



Estimate one minute



My journey to school

