

Maths knowledge organiser- Spring 2

Key Words
Convert
Hours
Time
Seconds
Minutes
Digital/analogue
decimals
fractions
Tenths
Hundredths
numerals
compare
order

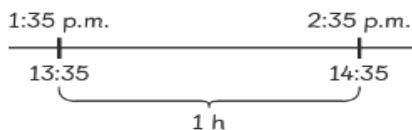
Time

- Telling time on a 24 hour clock.

There are 24 hours in a day.



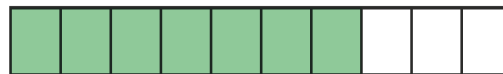
- Converting different units of time. There are:
 - 60 seconds in one minute.
 - 60 minutes in one hour.
 - 24 hours in one day.
 - 365 days in one year (366 in a leap year).
- Using a number line to help work out durations of time. **Duration** means the length of time that something takes from start to finish. 'h' stands for hour.



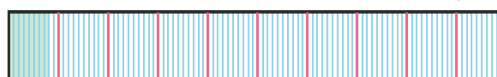
Decimals- Writing in tenths and hundredths

$$1 \text{ hundredth} = \frac{1}{100} = 0.01$$

$$1 \text{ tenth} = \frac{1}{10} = 0.1$$



$$7/10 = 0.7 = 7 \text{ tenths} = 7 \text{ out of } 10 \text{ pieces}$$



$$8/100 = 0.08 = 8 \text{ hundredths} = 8 \text{ out of } 100 \text{ pieces}$$

Decimals

Comparing decimals

$$0.12 < 0.21$$

$$2.21 > 2.16$$

< less than

> greater than

Ordering decimals

Remember to look at the value of each digit before ordering.

Ordering smallest to largest

0.23, 0.16, 0.32, 0.11

0.11, 0.16, 0.23, 0.32

Roman numerals

The Romans used letters to write numbers.

They used I for 1, V for 5 and X for 10.

$$V = 5$$

$$L = 50$$

$$X = 10$$

$$C = 100$$

$$LV = 55$$

$$LXV = 65$$

$$CL = 150$$

$$CXX = 120$$

1 = I	11 = XI
2 = II	12 = XII
3 = III	13 = XIII
4 = IV	14 = XIV
5 = V	15 = XV
6 = VI	16 = XVI
7 = VII	17 = XVII
8 = VIII	18 = XVIII
9 = IX	19 = XIX

