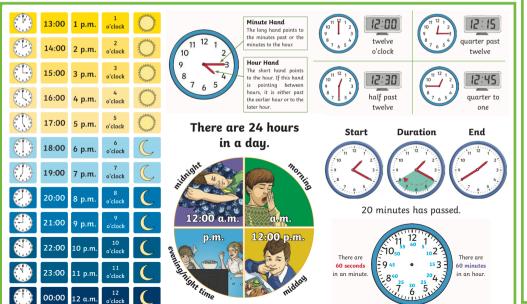
Knowledge Organiser - Maths

Key Vocabulary

| numerator | the number above the line in a fraction. | | |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| denominator | the number below the line in a fraction. | | |
| equivalent | equal in value or amount. | | |
| clock | clock is a device used to tell time. Moving hands on the face of a clock point to the current hour, minute, and second A clock can also be small enough to fit on a person's wrist, where it is called a watch. | | |
| analogue | an analogue clock is a circular-faced clock with the numbers one to twelve around the outside and two hands, a shorter one to measure hours and a longer one to measure minutes. | | |
| digital | a digital clock is a clock which simply shows numbers to show the time. It is usually battery or electricity powered. | | |

Key Facts - Time

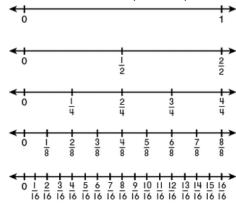


The fraction one-tenth is the whole divided into ten equal parts. 1 ÷ 10 = 0.1 so one-tenth is equivalent to 0.1 when written as a **decimal**.

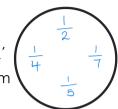
| Fractions and Decimals: Tenths | | | | | | |
|--------------------------------|-------|----------------|---------|------------------------------|--|--|
| · | Model | Fraction | Decimal | Word Form | | |
| | | $\frac{1}{10}$ | 0.1 | one tenth | | |
| | | <u>2</u> 10 | 0.2 | two tenths | | |
| | | $\frac{3}{10}$ | 0.3 | three tenths | | |
| | | 4 | 0.4 | four tenths | | |
| | | <u>5</u> 10 | 0.5 | five tenths | | |
| | | <u>6</u> 10 | 0.6 | six tenths | | |
| | | $\frac{7}{10}$ | 0.7 | Seven tenths | | |
| | | 8 10 | 0.8 | eight tenths | | |
| I | | 9 10 | 0.9 | nine tenths | | |
| | | 270 | 2.2 | two <u>and</u> two tenths | | |
| | 1 | | | | | |

A number line is a great way of seeing the order that fractions go in and allows us to compare fractions.

It works in the exact same way as a normal number line, but the numerators are the numbers that increase or decrease, while the denominators stay exactly the same.



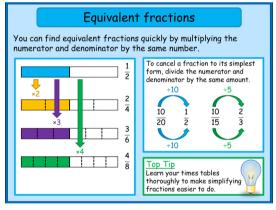
A unit fraction is any fraction with 1 as its numerator (top number), and a whole number for the denominator (bottom number).





Key Facts - Fractions

A non-unit fraction is a fraction where the numerator (the number on the top half of the fraction) is greater than 1.



Equivalent fractions

Two fractions are equivalent if they represent the same proportion of a whole, or the same sized portion of the original.

