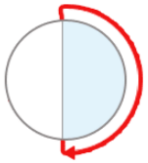
# Year 3 Knowledge Organiser

| Unit Fraction | Non-unit Fraction |
|---|---|
| Any fraction with 1 as its numerator (top number) | Any fraction with a numerator (top number) greater than 1 |

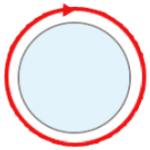
## Angles as Turns

One right angle is one quarter turn

Three right angles is a three-quarter turn



Two right angles are one half turn



Four right angles is a full turn

| Horizontal | Vertical |
|---|---|
| |  |
| **Perpendicular** | **Parallel** |
| At an angle of 90 degrees | Always having the same distance between two lines |

| Roman Numerals | |
|---|---|
| 1 | I |
| 2 | II |
| 3 | III |
| 4 | IV |
| 5 | V |
| 6 | VI |
| 7 | VII |
| 8 | VIII |
| 9 | IX |
| 10 | X |
| 11 | XI |
| 12 | XII |

| Days in a Month | |
|---|---|
| January | 31 days |
| February | 28 days |
| March | 31 days |
| April | 30 days |
| May | 31 days |
| June | 30 days |
| July | 31 days |
| August | 31 days |
| September | 30 days |
| October | 31 days |
| November | 30 days |
| December | 31 days |

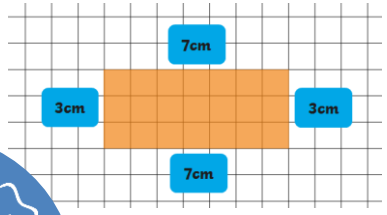
| | | |
|---|---|---|
| AM | = | Before midday |
| PM | = | After midday |
| Midday | = | 12:00 |

| | | |
|---|---|---|
| 60 seconds | = | 1 minute |
| 60 minutes | = | 1 hour |
| 24 hours | = | 1 day |

| | | |
|---|---|---|
| 10mm | = | 1 cm |
| 100cm | = | 1m |
| 1,000g | = | 1kg |
| 1,000ml | = | 1l |

## Perimeter

Perimeter is the **total length of the outside** of a shape.




| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12am | 00:00 | 4am | 04:00 | 8am | 08:00 | 12pm | 12:00 | 4pm | 16:00 | 8pm | 20:00 |
| 1am | 01:00 | 5am | 05:00 | 9am | 09:00 | 1pm | 13:00 | 5pm | 17:00 | 9pm | 21:00 |
| 2am | 02:00 | 6am | 06:00 | 10am | 10:00 | 2pm | 14:00 | 6pm | 18:00 | 10pm | 22:00 |
| 3am | 03:00 | 7am | 07:00 | 11am | 11:00 | 3pm | 15:00 | 7pm | 19:00 | 11pm | 23:00 |