Mathematics Knowledge Organiser

| Measure | $10 \mathrm{~mm}=1 \mathrm{~cm}$ $1,000 \mathrm{~g}=\mathrm{Ikg}$ <br> $100 \mathrm{~cm}=1 \mathrm{~m}$ $1,000 \mathrm{ml}=\mathrm{IL}$ <br> $1,000 \mathrm{~m}=1 \mathrm{~km}$ METRIC |
| :--- | :--- |

$8 \mathrm{~km}=5$ miles $(\mathrm{I} \mathrm{km}=5 / 8$ mile $)$
I inch $=2.5 \mathrm{~cm}$
I ounce $=28 \mathrm{~g}$
I pound $=0.45 \mathrm{~kg} \quad$ IMPERIAL

| 30 days have September, April, June and November. <br> All the rest have 3I, except February, which has 28 <br> days clear, and 29 every leap year! |
| :--- |
| I minute $=60$ seconds |
| I hour $=60$ minutes |
| I day $=24$ hours |

12 hour clock $(\mathrm{pm}) \longrightarrow 24$ hour clock

$$
1 \text { year }=365 \text { days }=52 \text { weeks }=12 \text { months }
$$

## Statistics



Line graph shows a trend. E.g. temperature over time.


Bar graph shows categories of data. E.g. favourite colour

Perimeter/Area/Volume


Angles

## Acute angle $<90^{\circ}$

Obtuse angle $>90^{\circ}$
Reflex angle $>180^{\circ}$
Right angle $=90^{\circ}$
Straight line $=180^{\circ}$
Full circle $=360^{\circ}$
Angles in a rectangle total $360^{\circ}$
Angles in a triangle total $180^{\circ}$

## Y5: Measure and geometry



