

Monday – LBQ

Convert between units of time

Customary Units of Time	
1 year	365 days
1 year	12 months
1 year	52 weeks
1 week	7 days
1 day	24 hours
1 hour	60 minutes
1 minute	60 seconds

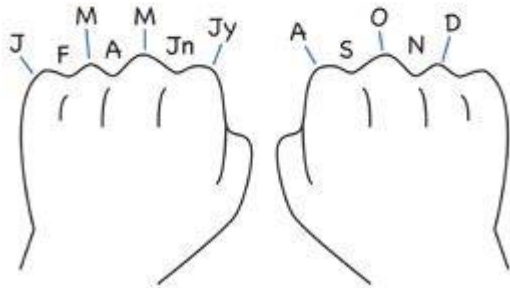
- ✓ 7 weeks = 49 days (7×7)
- ✓ 63 days = 9 weeks ($63 \div 7 = 9$)
- ✓ 360 seconds = 6 mins as $360 \div 60 = 6$
- ✓ 2 hours = 120 mins (60×2)
- ✓ 17 days = 2 weeks and 3 days (2 weeks = 14 days and 3 left over)

Monday – LBQ

Convert between units of time

30 days have September, April, June and November. All the rest have 31.

Excepting February which has 28 days clear and 29 each leap year.



How many days do March and May have altogether?

$$31 + 31 = 62 \text{ days}$$

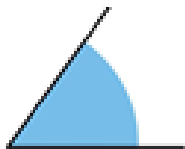
$$1 \text{ year} = 365 \text{ days}$$

$$2 \text{ years} = 730 \text{ days}$$

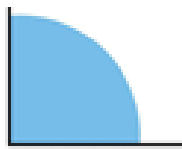
Remember a leap year has 366 days!

My Maths

Angles



ACUTE ANGLE
Less than 90 Degree



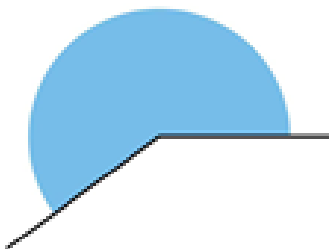
RIGHT ANGLE
Exact 90 degree



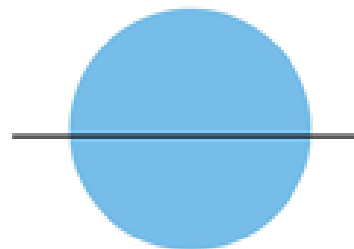
OBTUSE ANGLE
Greater than 90
degree and less than
180 degree



STRAIGHT ANGLE
Exact 180 Degree



REFLEX ANGLE
Greater than 180
Degree



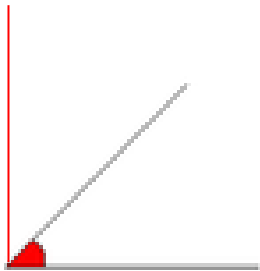
FULL ROTATION
Exact 360 Degree

My Maths

Angles

When estimating angles, first of all figure out what type of angle they are – acute, obtuse or reflex and use this to help you.

e.g. This is an acute angle so it must be between 0 degrees and 90 degrees. I've added a line where 90 degrees would be – it looks roughly half way between 0 and 90 so 45 or 50 degrees would be a sensible estimate.

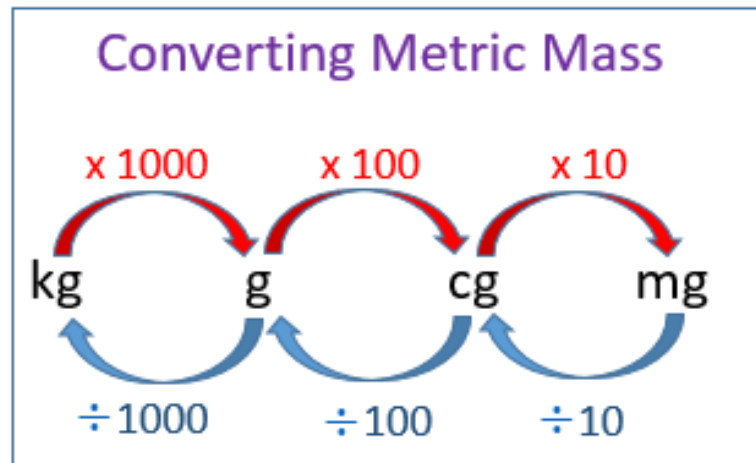


Tuesday – LBQ

Convert between grams and kg

Enjoy some converting with the Chuckle Brothers!

<https://www.bbc.co.uk/bitesize/clips/zbvbkqt>



$$4.5\text{kg} = 4500\text{g}$$



$$3800\text{g} = 3.8\text{kg}$$



$$0.25\text{kg} = 250\text{g}$$



$$145\text{g} = 0.145\text{kg}$$

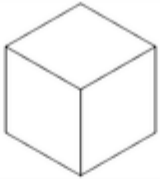
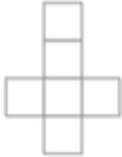
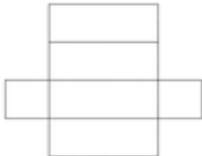
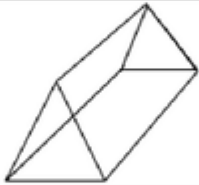
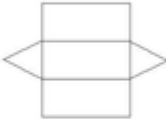
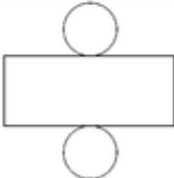
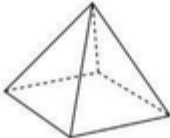
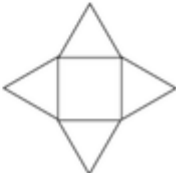


My Maths- Nets of 3D shapes

Here are some examples of 3D shape nets.

Watch the video and try the quiz for more practise on identifying nets.

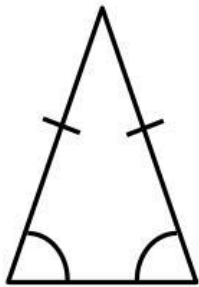
<https://www.bbc.co.uk/bitesize/topics/zt7xk2p/articles/z247tv4>

Cube		
Cuboid		
Triangular Prism		
Cylinder		
Pyramid		

My Maths-Properties of Triangles

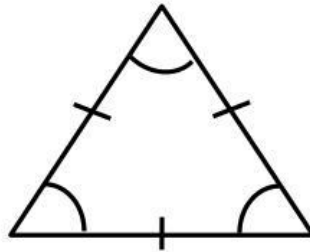
Properties of Triangles

What are the names and properties of these triangles ?



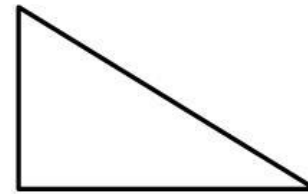
Isosceles:

2 sides the same length
2 angles the same



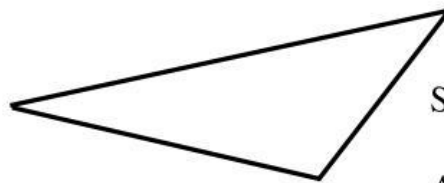
Equilateral:

All sides the same length
All angles the same (60°)



Right-angled:

Sides can be any length
One angle 90°

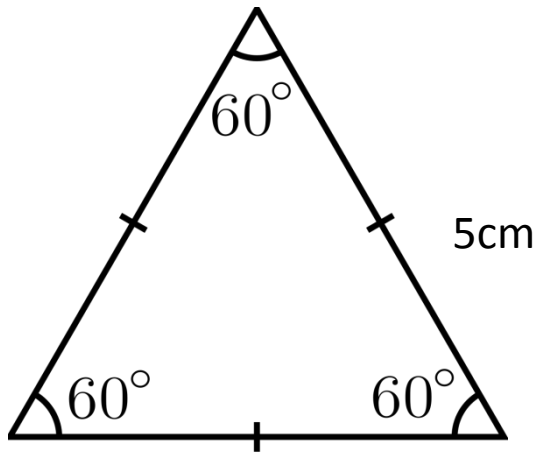


Scalene:

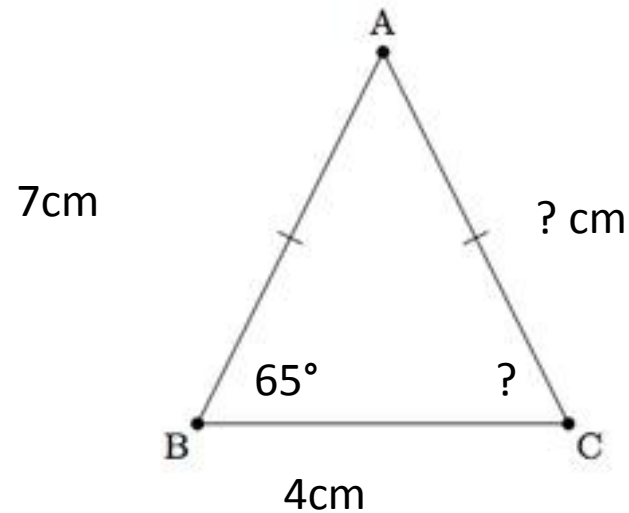
All the sides are different lengths
All the angles are different

My Maths-Properties of Triangles

This is an equilateral triangle so all angles and sides are equal so if 1 side is 5cm – all sides are 5cm long.



This is an isosceles triangle so 2 sides and 2 angles are equal. This means the missing side must be 7cm and angle 65°

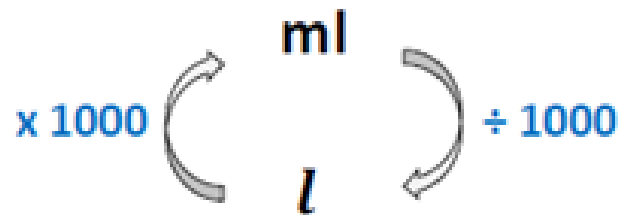


Wednesday – LBQ

Convert between ml and l

Capacity

$$1000 \text{ ml} = 1 \text{ litre (l)}$$



$$6.5 \text{ l} = 6500 \text{ ml}$$



$$3400 \text{ ml} = 3.4 \text{ l}$$



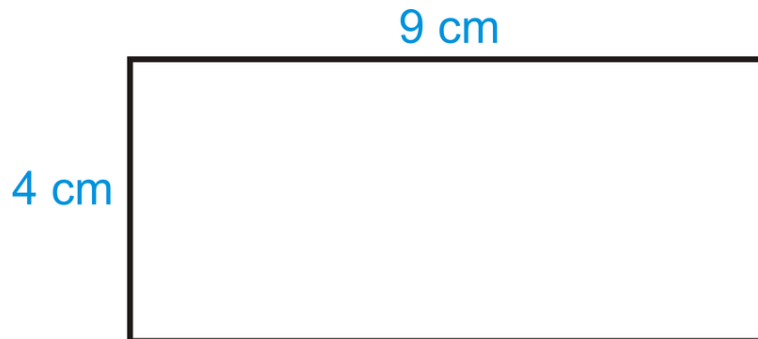
Thursday – LBQ

Calculate and Compare the Areas of Rectilinear Shapes

If you want to watch a video and try a quiz then go to this website:

<https://www.bbc.co.uk/bitesize/topics/zjbg87h/articles/zwqt6fr>

Formula for area = length x width



$$9 \times 4 = 36\text{cm}^2$$

Thursday – LBQ

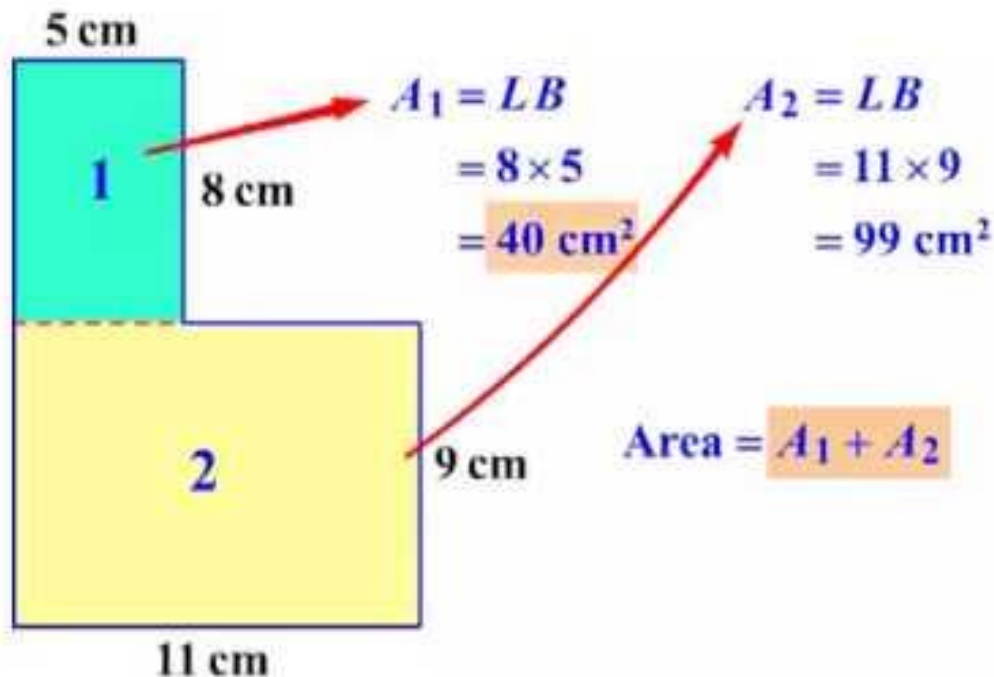
Calculate and Compare the Areas of Rectilinear Shapes

AREA OF COMPOSITE SHAPES

Examples

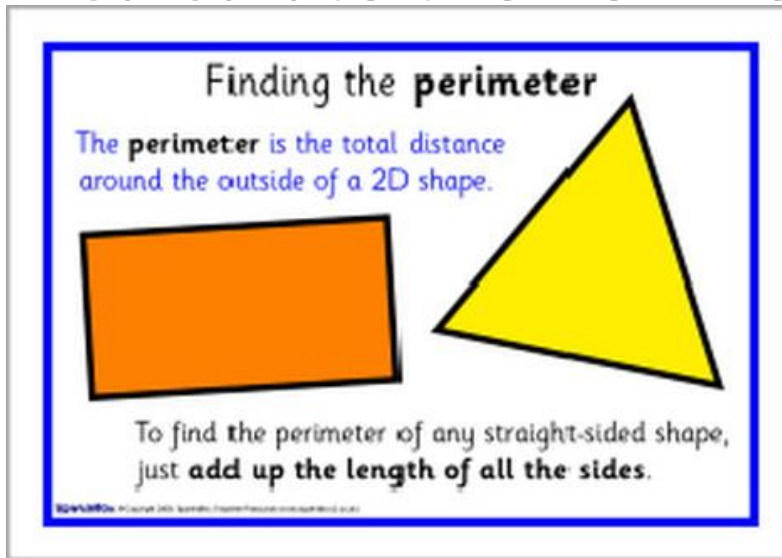
Find the area:

(a)

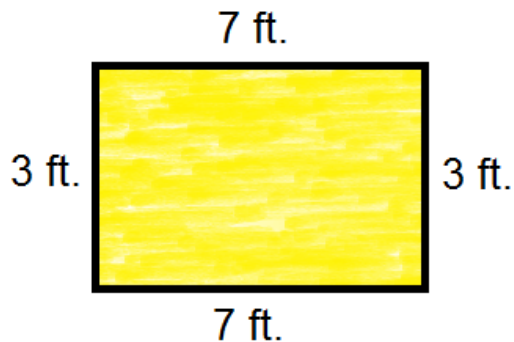


Friday – LBQ

Calculate the Perimeter of Composite Rectilinear Shapes

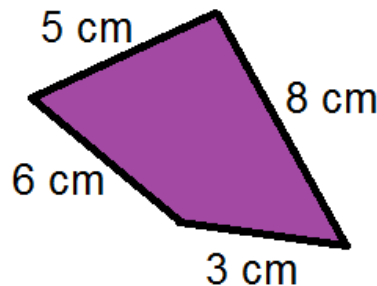


Finding Perimeter



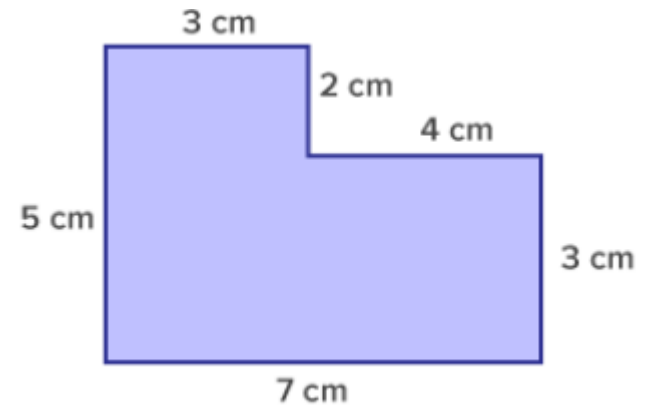
$$7 + 3 + 7 + 3 = 20$$

The perimeter is 20 feet.



$$5 + 8 + 3 + 6 = 22$$

The perimeter is 22 cm.



$$5 + 3 + 2 + 4 + 3 + 7$$

$$= 24 \text{ cm}$$