Hello Year 3.

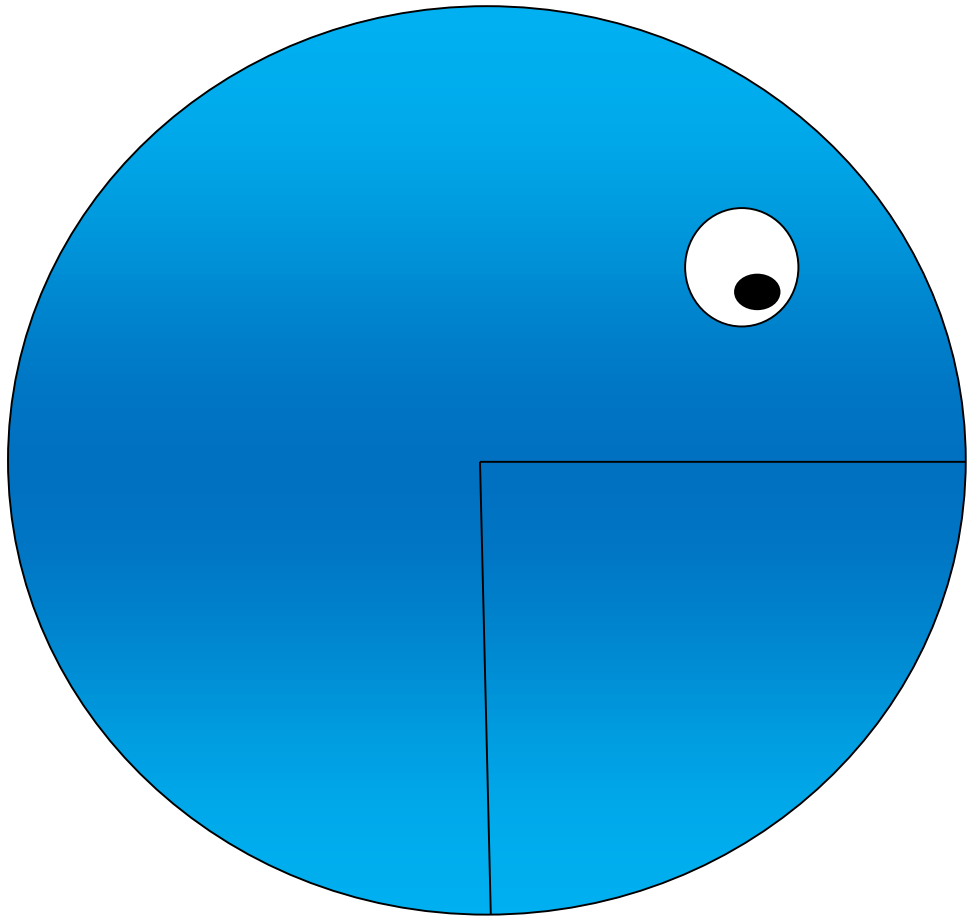
This week in Maths we are going to have a look at some work on angles and lines.

Try your best and don't forget to send your teacher some of your work.

DAY 1

ANGLES

L.O. Can I find Right Angles?



This is an angle eater.
You could make one of these and carefully cut the lines to create a perfect right angle.

Be a detective and see how many right angles you can find in your house and garden

How Many Right Angles?

Mariam draws a shape with one right angle, two right angles, three right angles and four right angles. Draw them yourself. Can you draw some shapes of your own?

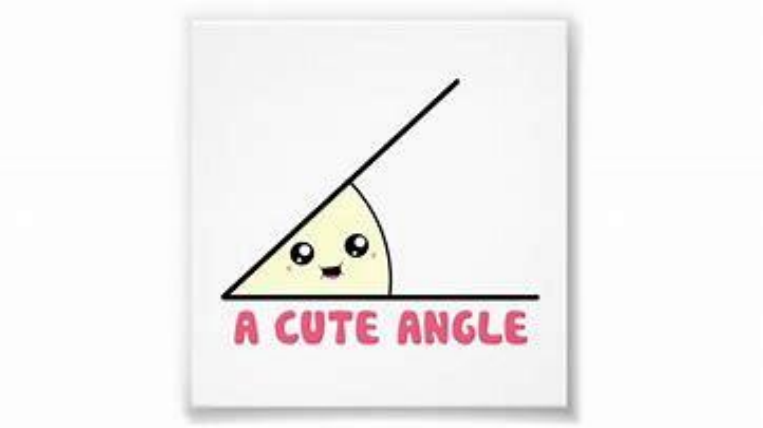
DAY 2

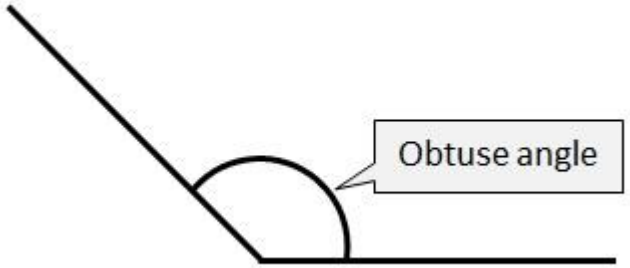
Bigger or smaller than a Right angle.

Bigger or Smaller Than A Right Angle

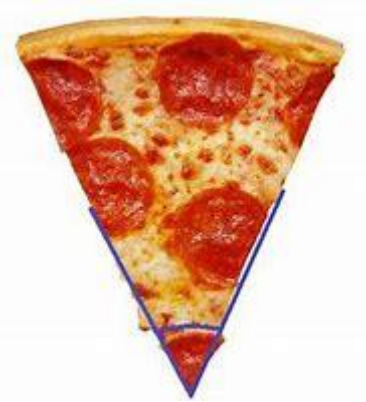
If an angle is bigger than a right angle it is called an OBTUSE angle.

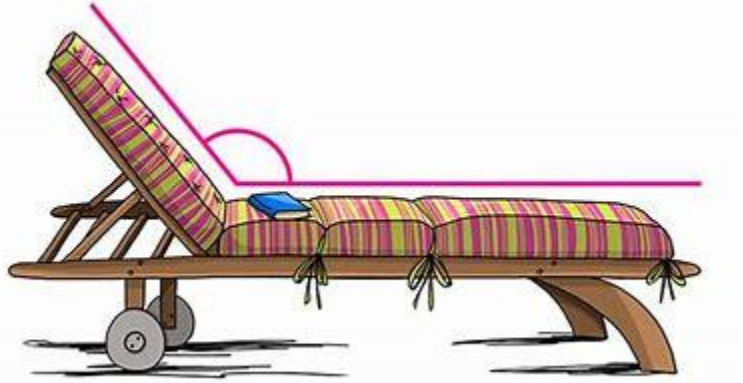
If an angle is smaller than aright angle it is called an ACUTE angle. Like a cute little puppy.



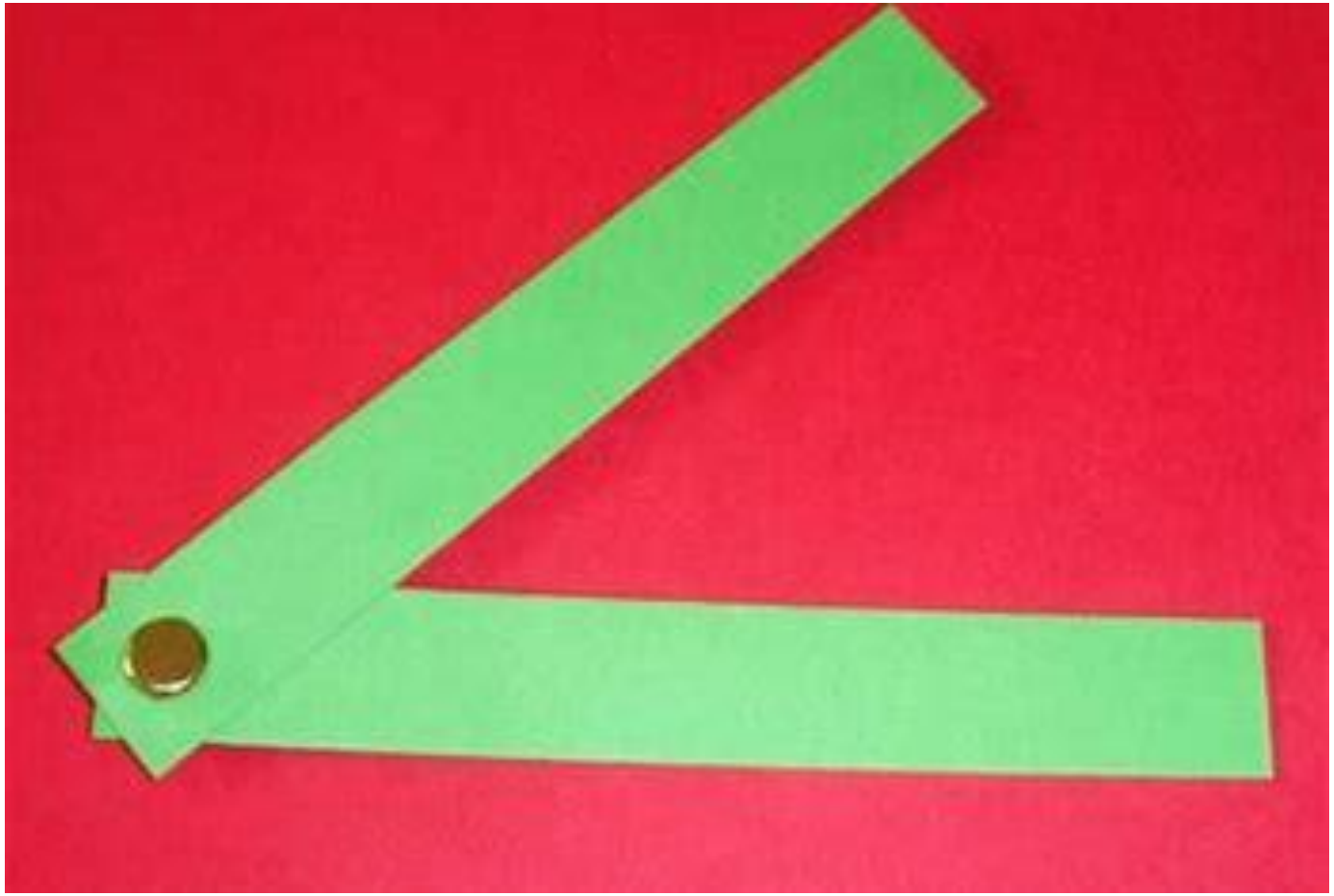


Look at these angles. Are they obtuse or acute?
See if you can find some acute and obtuse angles in your house or garden.
Can you draw some?





You could make your own angle measurer.

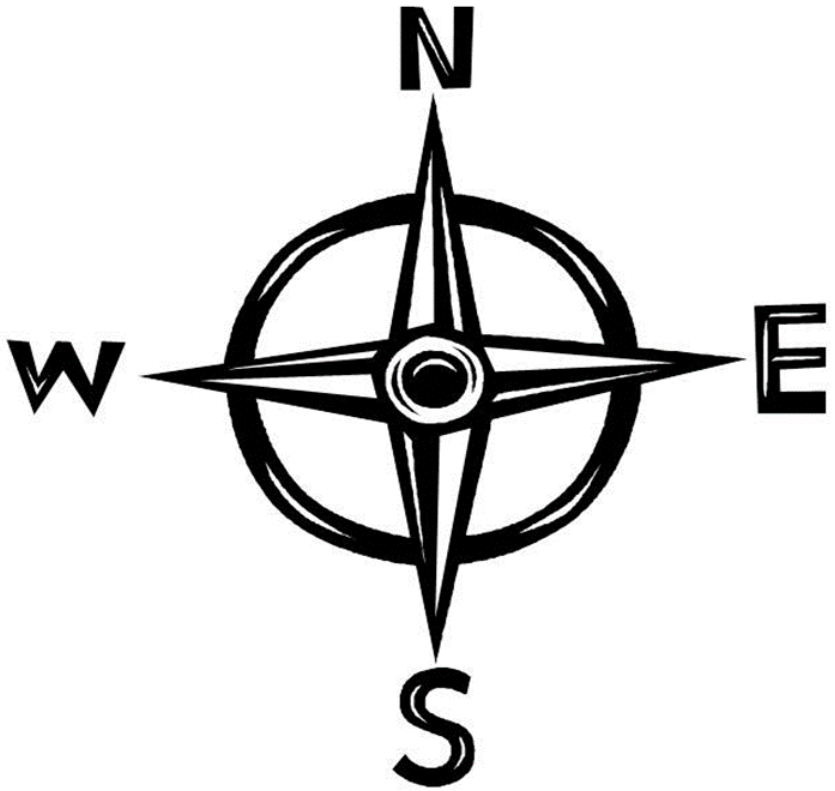


Day 3

Making turns.

L.O. Can I make right angle turns?

There are 4 points on a compass.
There is a right angle
between each point.
So, if you turn around a
whole circle you go
through 4 right angles.

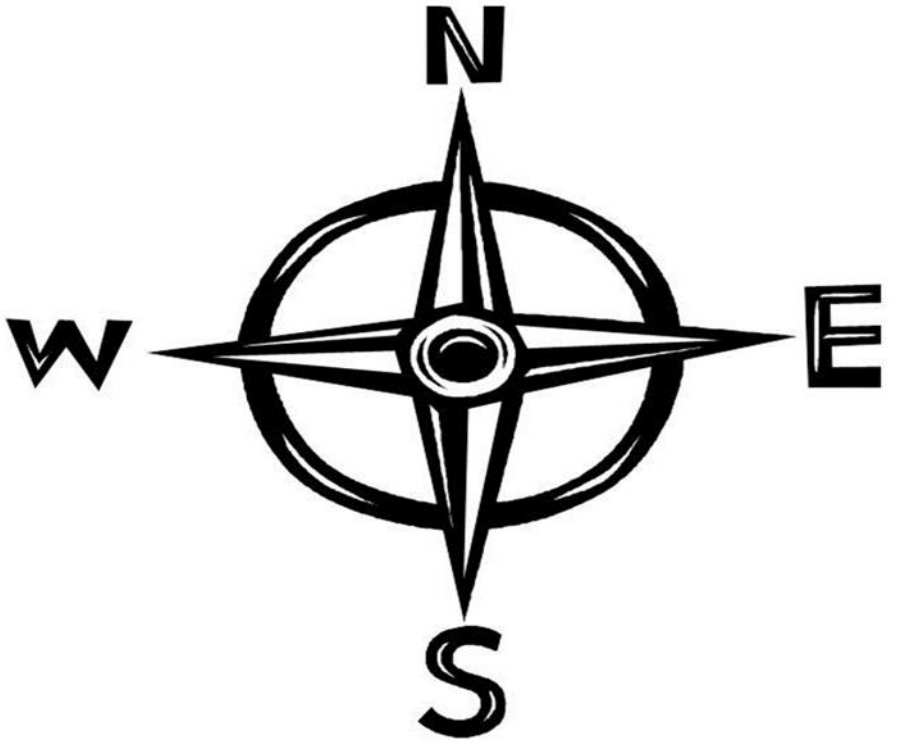


L.O. Can I understand Clockwise and Anti- Clockwise?

Where am I?

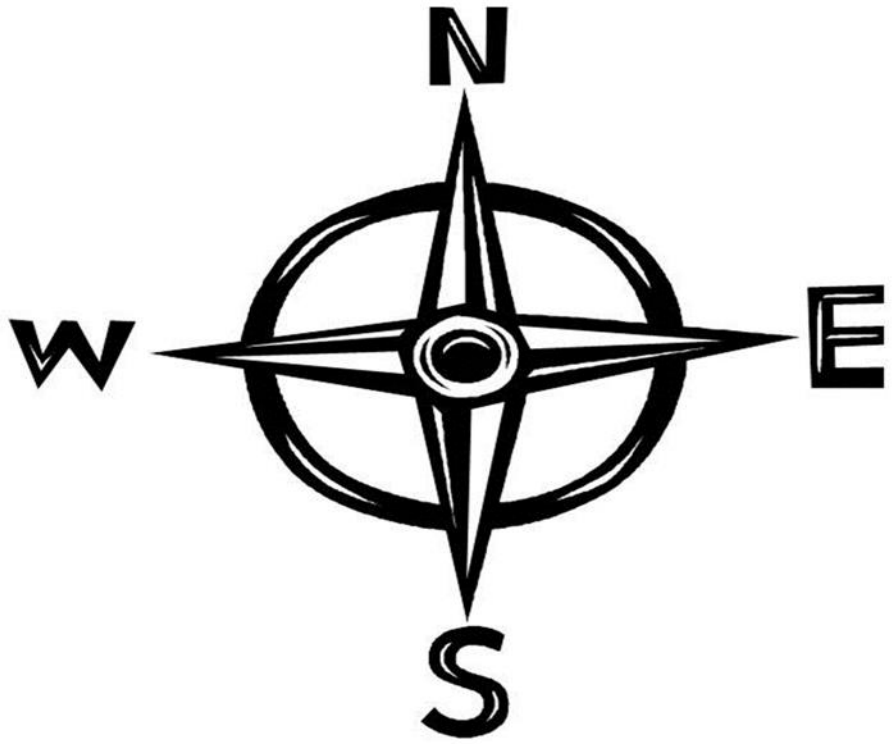
If I face North and make 1 right angle turn clockwise.

Where will I face?



Where am I?

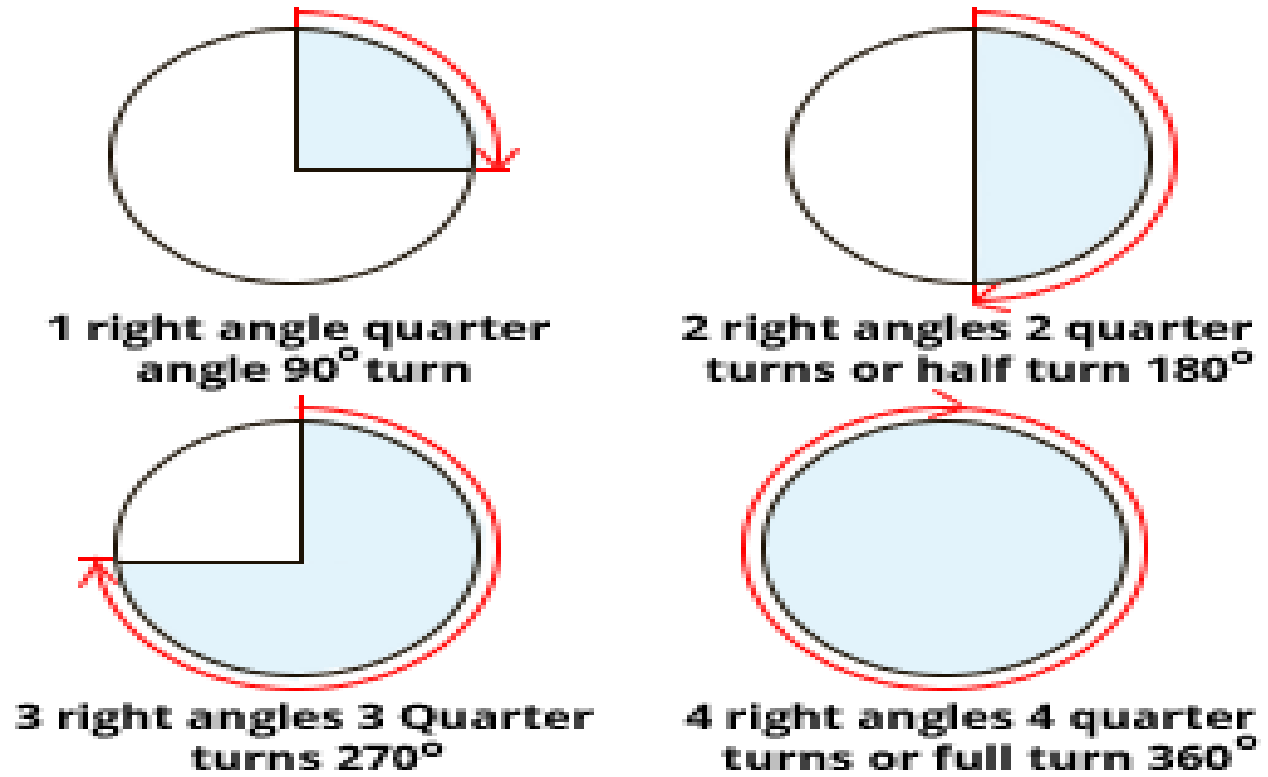
If I face East and make 2 right angle turns anti-clockwise.
Where will I face?



CHALLENGE.

Ask a member of your family to follow your instructions.

For example, start at N make 2 turns clockwise then 3 turns anti-clockwise.



DAY 4

CHALLENGES

Now try this.

- Write your name in capital letters.
- How many angles can you find in each letter?
- How many angles are there in your full name?

E There are 4 right angles.

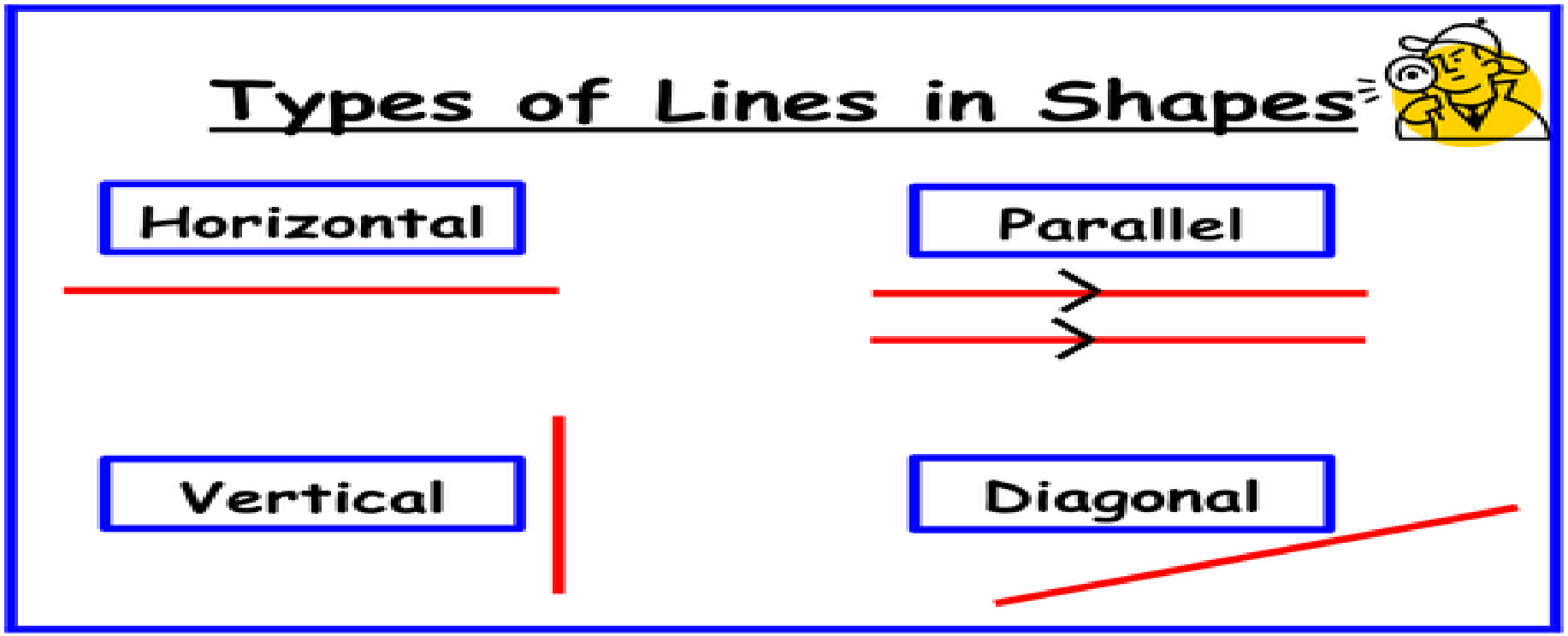
L.O. Can I create a picture which includes as many right angles as possible?

DAY 5

Parallel and Perpendicular lines.

L.O. Can I find parallel lines?

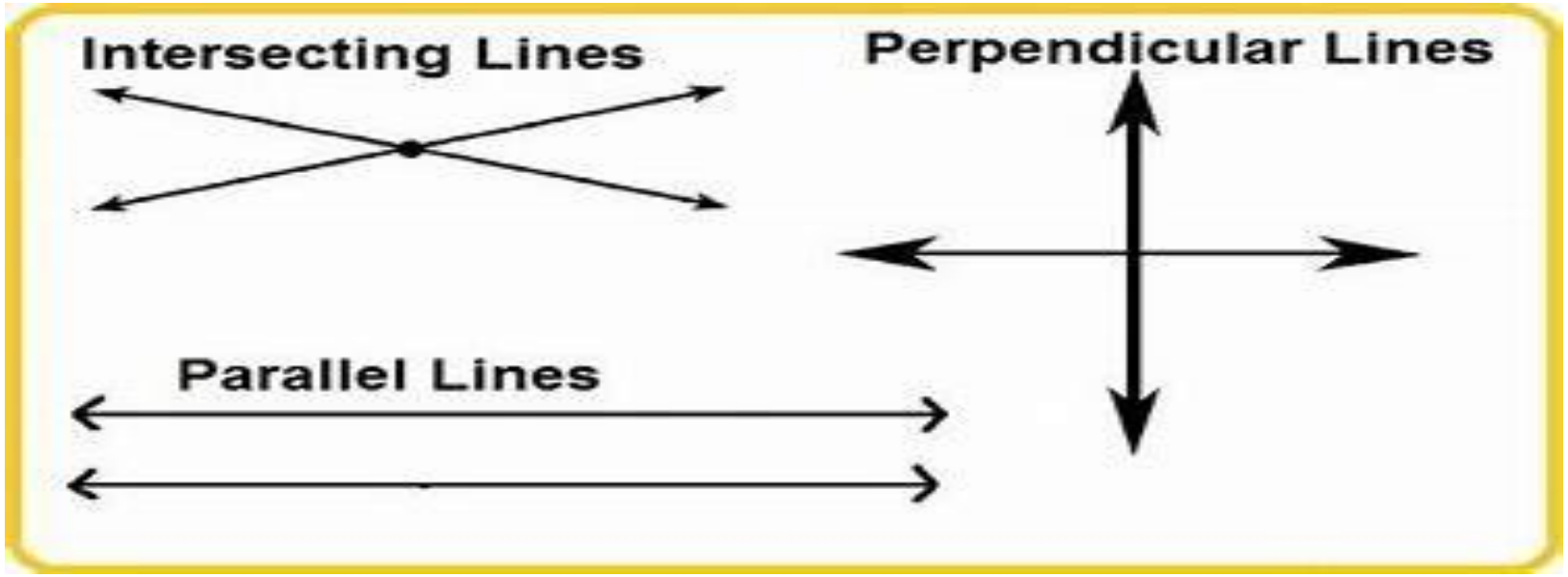
Parallel lines will never, never, never meet.



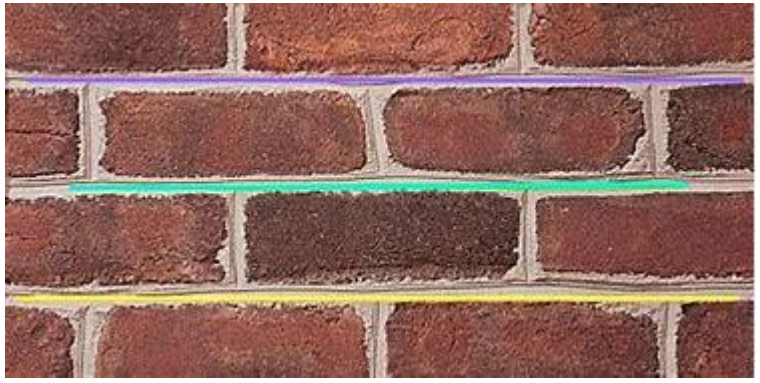
Can you find the parallel lines? Are there any in your house or garden?

L.O. Can I find perpendicular lines?

Perpendicular lines are where 2 lines meet at a right angle.



Can you find the perpendicular lines? Are there any in your house or garden?



Parallel or Perpendicular?

This painting is by a famous artist called Mondrian. He has used lots or parallel and perpendicular lines.

Can you create your own picture. Notice he uses primary colours.