

Lewis Class

Year 4 Maths (week beginning 15.06.20)

Here are some links to websites that have videos to support your child's learning in Maths. If you are struggling to find time to sit down with them, they could watch and make notes independently. These are not necessarily linked to the current topic but are still useful tools for learning. They can also be used as additional learning if needed.

<https://www.bbc.co.uk/bitesize/subjects/z826n39>

<https://www.thenational.academy/online-classroom/year-4/maths#subjects>

Properties of shape

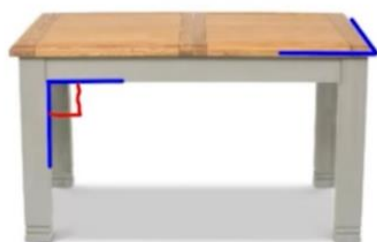
Task 1

- Identify angles

Angles are a property of a shape and are also a measure of a turn. An angle is created when 2 straight lines meet at a point.

To find the angle, we look at the space between the lines.

These pairs of lines meet to create an **angle**.



Objects have angles too – how many can you find around your house? Take pictures of them and upload to Seesaw!

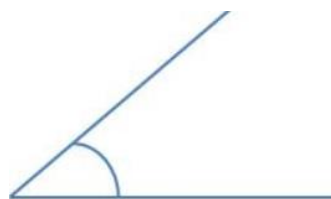
Right angle = 90 degrees

Acute angle = More than 0 degrees but less than 90 degrees

Obtuse angle = more than 90 degrees but less than 180 degrees



Right angle
Exactly 90°



Acute angle
Less than 90°

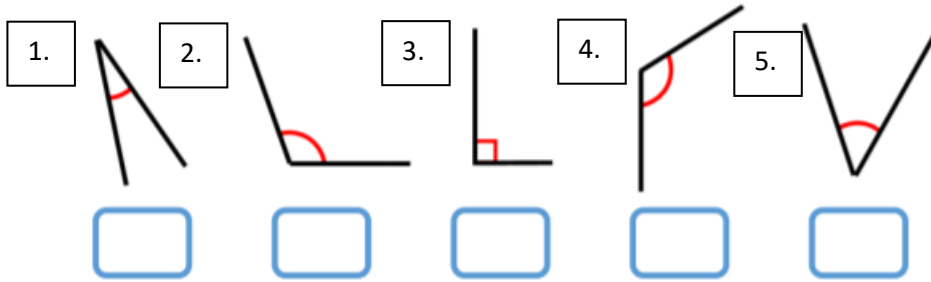


Obtuse angle
More than 90°
Less than 180°

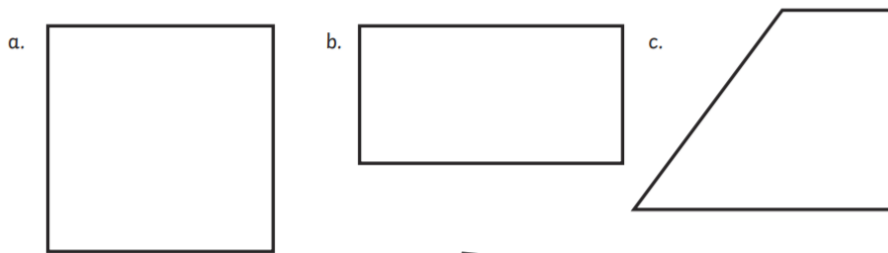
Shape and symmetry – lessons 1 – 5 have lots of good learning about angles -

<https://classroom.thenational.academy/subjects-by-year/year-4/subjects/maths>

Label the angles O for obtuse, A for acute and R for right angle.



Identify the angles in theses shapes by writing the letter of the shape and listing the angles it has.



Draw your own shape and identify what angles is has.

Task 2

- Compare and order angles

1.			
2.			
3.			
4.			
5.			

Insert one of the symbols below into each box and decide whether each angle is acute, obtuse or a right angle.

Symbols:

$<$ means less than

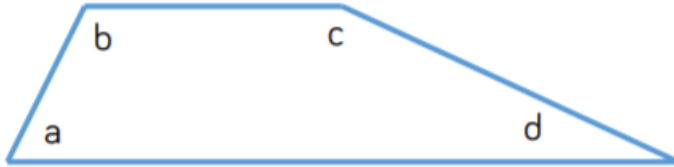
$>$ means greater than

$=$ means equal to

Task 3

- Compare and order angles

Order the angles in the shape from smallest to largest.
Complete the sentences.



Angle ____ is smaller than angle ____.

Angle ____ is larger than angle ____.

Order the angles from largest to smallest.



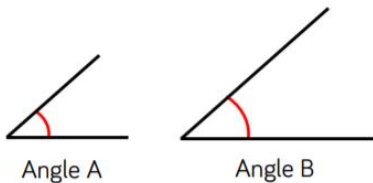
Can you draw a larger obtuse angle?
Can you draw a smaller acute angle?

Task 4

- Drawing angles
 - Draw a range of right angles, acute angles and obtuse angles and label them.
 - Now put them in descending order (largest to smallest)

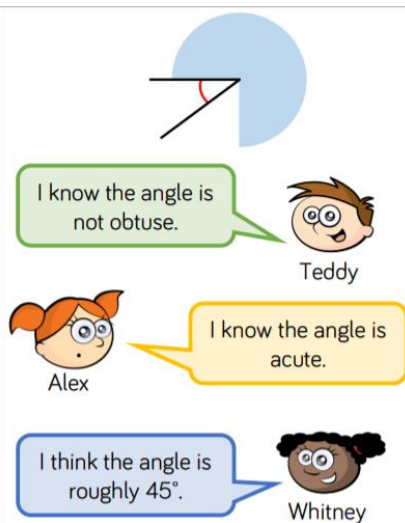
Task 5

- Reasoning and problem solving

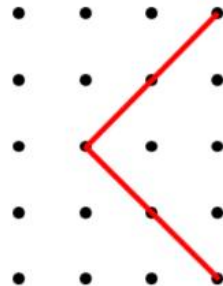


Angle B is bigger than Angle A because it has longer sides.

Do you agree with Ron? Explain your thinking.



Who is correct?
Explain your reasons.



Is the angle acute, obtuse or a right angle?
Can you explain why?

Throughout the week - practise multiplication tables:

You could:

- Focus on whichever one you find difficult to remember and write out in a random order to improve your rapid recall.
- Play on Hit the Button - focus on number bonds, halves, doubles and times tables - <https://www.topmarks.co.uk/maths-games/hit-the-button>

Do a multiplication dance – <https://www.bbc.co.uk/teach/supermovers/times-table-collection/z4vv6v4>