Year 4 Maths Wednesday 24-2-21

LO: I can compare and order angles.

Go through the lesson PowerPoint. You can now access and view this through the MS Teams app (I have added a short video to the home learning page to show you how).

Parent Notes: Children compare and order angles in ascending and descending order. Children identify and order angles in different representations, including in shapes and on a grid.

Mathematical Talk:

Rotate the angles so that one of the lines is horizontal. Does this help you to compare them more efficiently?
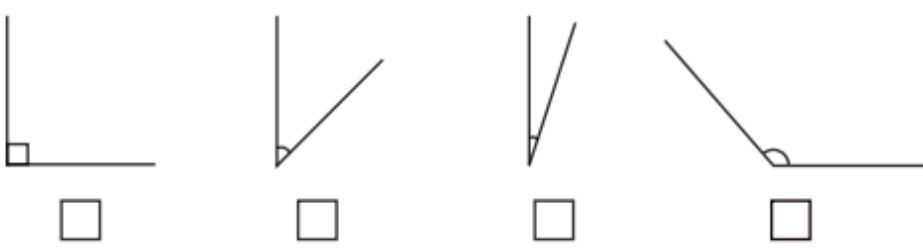
How many obtuse/acute/right angles are there in the diagrams?

Compare the angles to a right angle. Does it help you start to order them?

Would an angle tester help you order the angles?

Questions:

1) Order these angles from smallest to largest by labelling them from 1-4.

☐   ☐   ☐   ☐

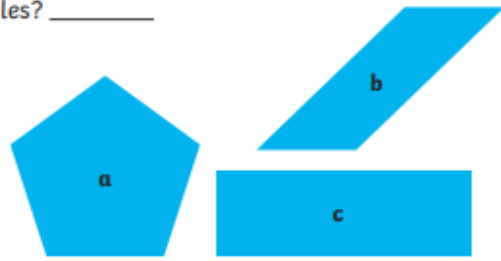2) Look at this shape and use < and > symbols to complete the statements below.

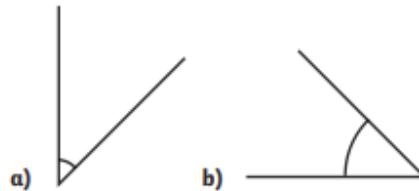angle a ☐ angle c

angle b ☐ angle a

angle d ☐ angle a

3) Label two of the angles in the shape above as either acute or obtuse.

1) Which of these shapes is the odd one out based on its angles? _____
Explain your answer:

_____

_____

_____

2) Tilly says, "Angle b is the largest."
Jaz says, "The angles are the same size."
Whom do you agree with? Why?

_____

_____

_____

_____

a)   b)

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1) Kel and Holly disagree:
Kel says, "I can draw one right angle and three acute angles which would add up to 360° all together."
Holly says, "I can draw one right angle and three obtuse angles which would add up to 360° all together."

Who is correct? _____

Explain your answer.

_____

_____

2) Gem draws four angles that have a sum of 360°. She says, "One angle is acute and a multiple of 10. The second angle is a quarter turn. The third angle is obtuse and a multiple of 25. The fourth angle is 55°."

What could the angles be? _____

Is there more than one possibility? Show how you know.