We have started a #LIFEworkbalance campaign and we need your help to complete our LIFE/work balance survey.

We hope to publish the results soon, so please give 15 minutes of your time to help us get a true picture of school life.

Want to be a part of this campaign? Take the survey on our website and share it with your colleagues!

Year 4 – Summer Block 5 – Properties of Shapes – Compare and Order Angles

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 4: (4G4) Identify acute and obtuse angles and compare and order angles up to two right angles by size

Mathematics Year 4: (4G2a) Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes

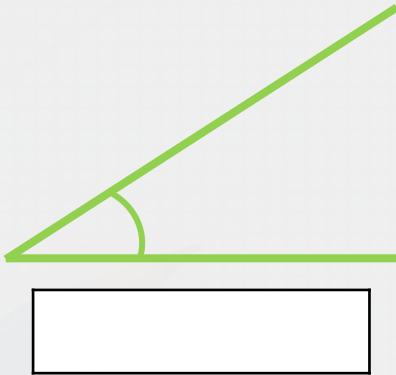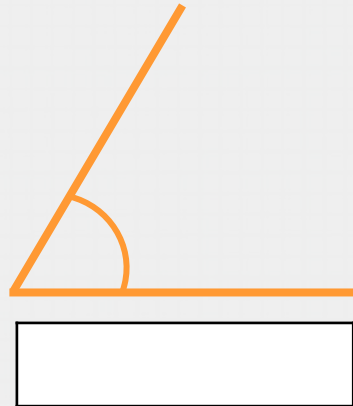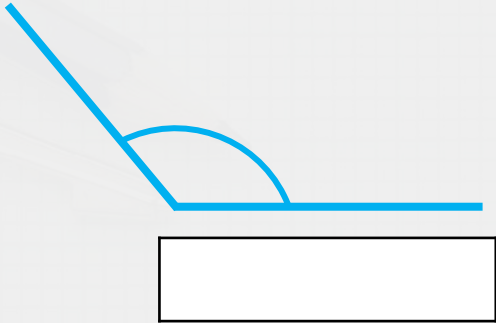More **Year 4 Properties of Shape** resources.

Did you like this resource? Don't forget to review it on our website.

Step 2: Compare and Order Angles

Label these angles as acute, right angle or obtuse.

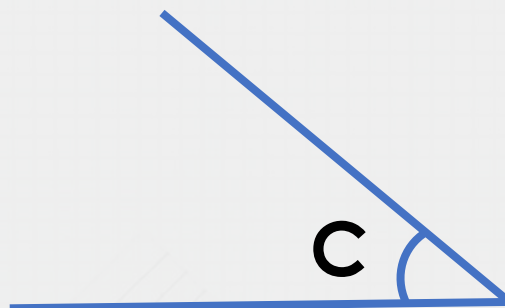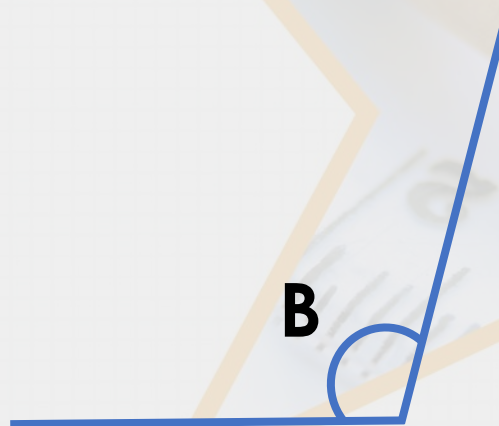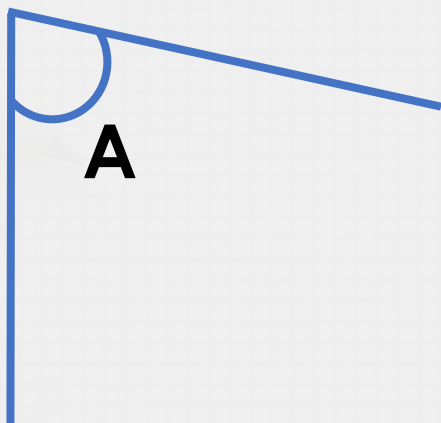# Label these angles as acute, right angle or obtuse.

Right Angle

Obtuse

Acute

Acute

Obtuse

Which angle is the largest?

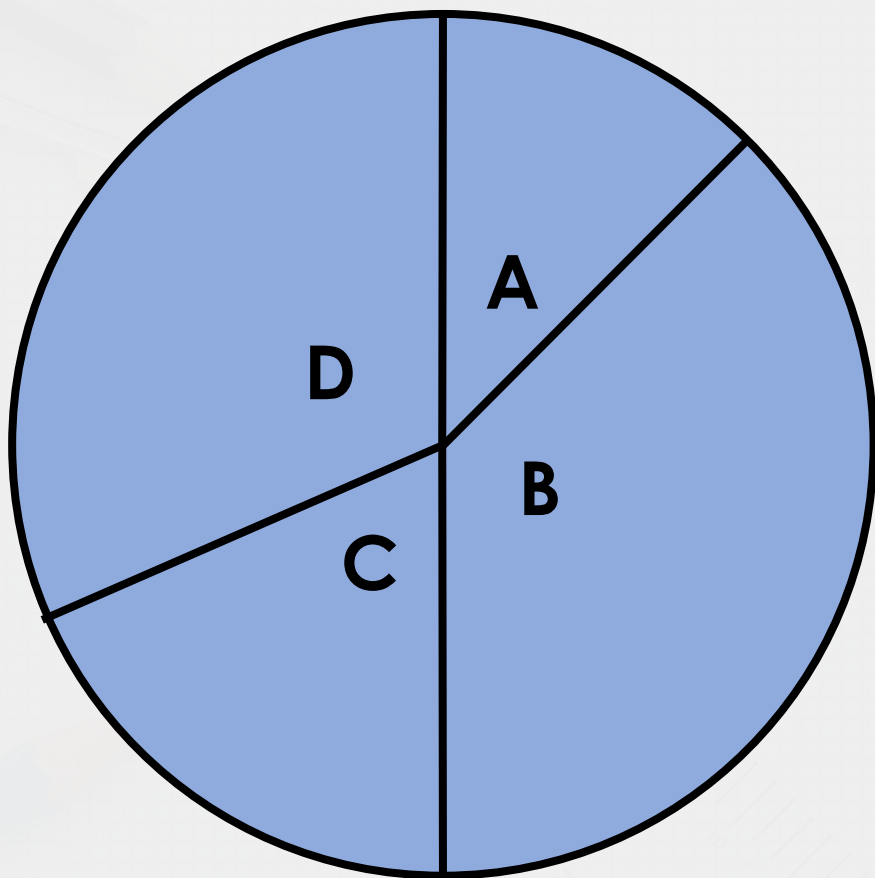A

B

C

Which angle is the largest?

A

B

C
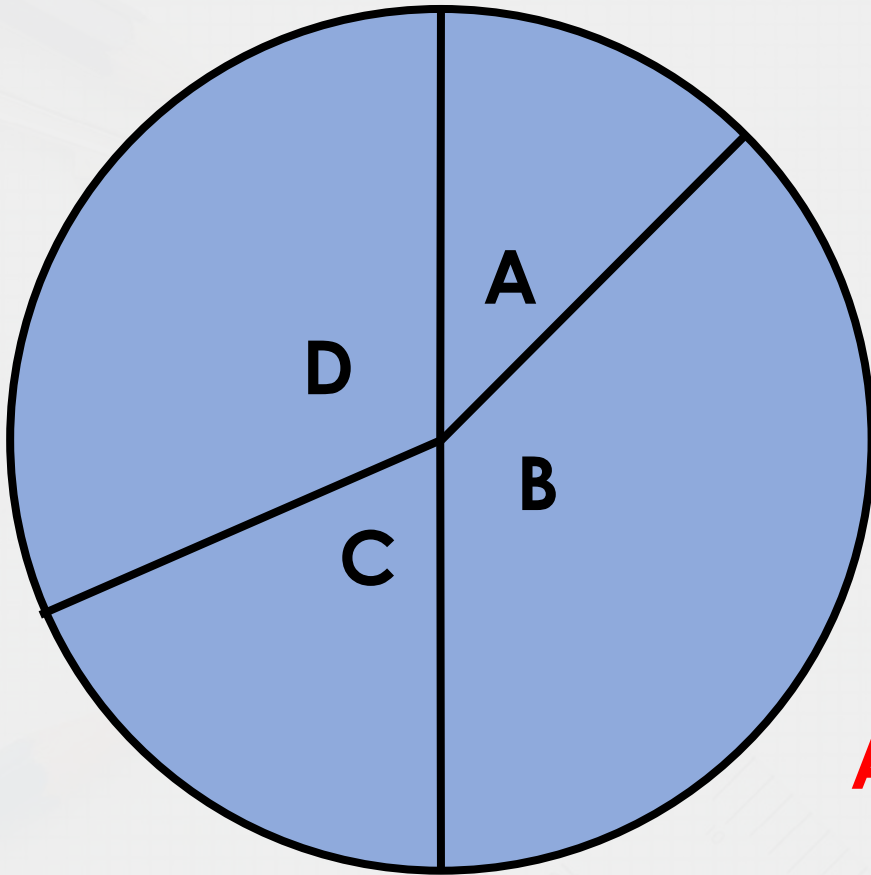
Here are some segments with different sized angles at their points. Put the angles in order from smallest to largest.

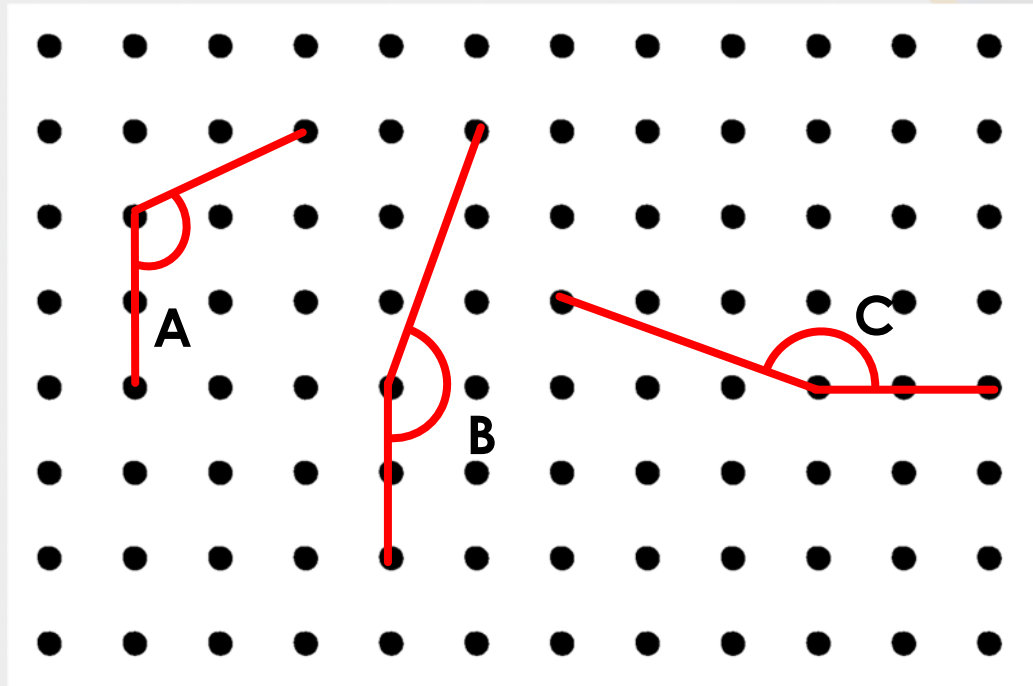Here are some segments with different sized angles at their points. Put the angles in order from smallest to largest.
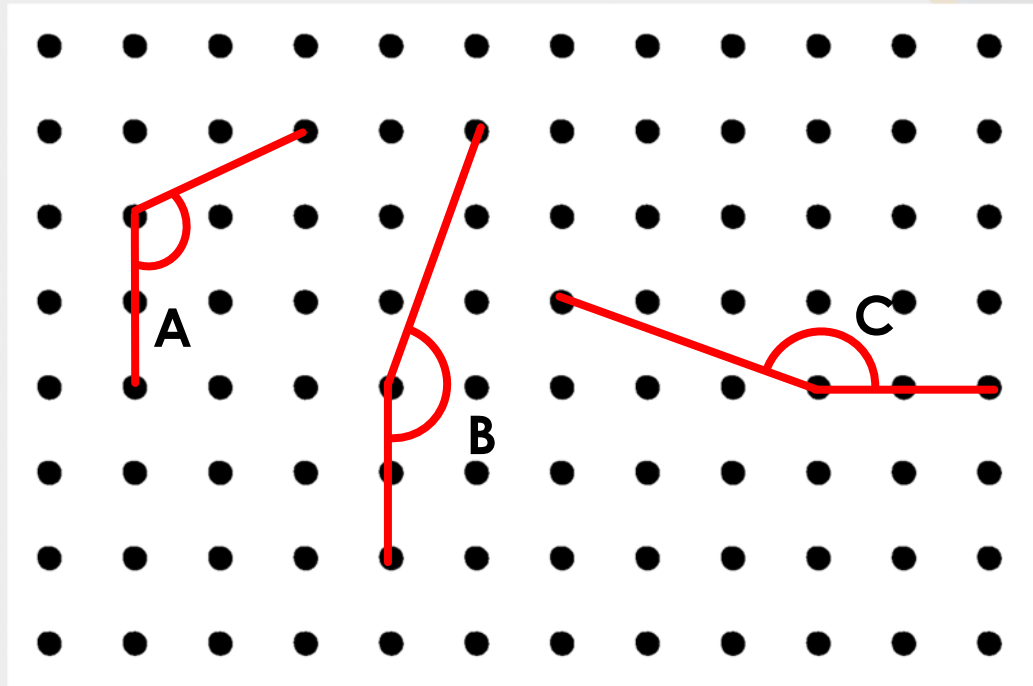

A, C, D, B

True or false?
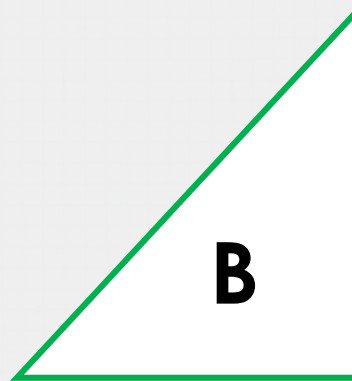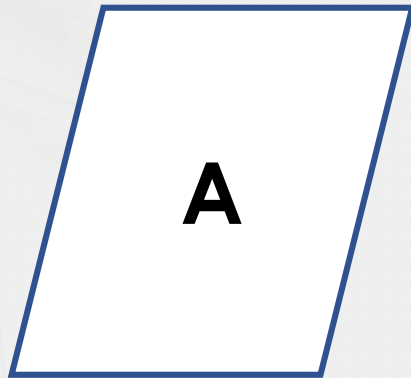**Angle A is smaller than angle B. Angles B and C are the same size.**

True or false?
Angle A is smaller than angle B. Angles B and C are the same size.

True

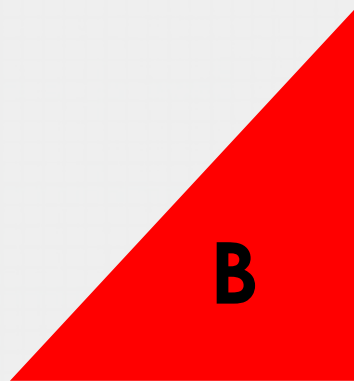# Which of these shapes contains the smallest angle?

A

B

C

Which of these shapes contains the smallest angle?

A

B

C

Kaito is discussing angles.

I have 3 angles. One angle is obtuse, one is 90° and the other is acute. I think that the 90° angle is the smallest angle.

Is Kaito correct? Explain your answer.

Kaito is discussing angles.

> I have 3 angles. One angle is obtuse, one is 90° and the other is acute. I think that the 90° angle is the smallest angle.

Is Kaito correct? Explain your answer.

Kaito is incorrect because...

Reasoning 1

Kaito is discussing angles.

> I have 3 angles. One angle is obtuse, one is 90° and the other is acute. I think that the 90° angle is the smallest angle.
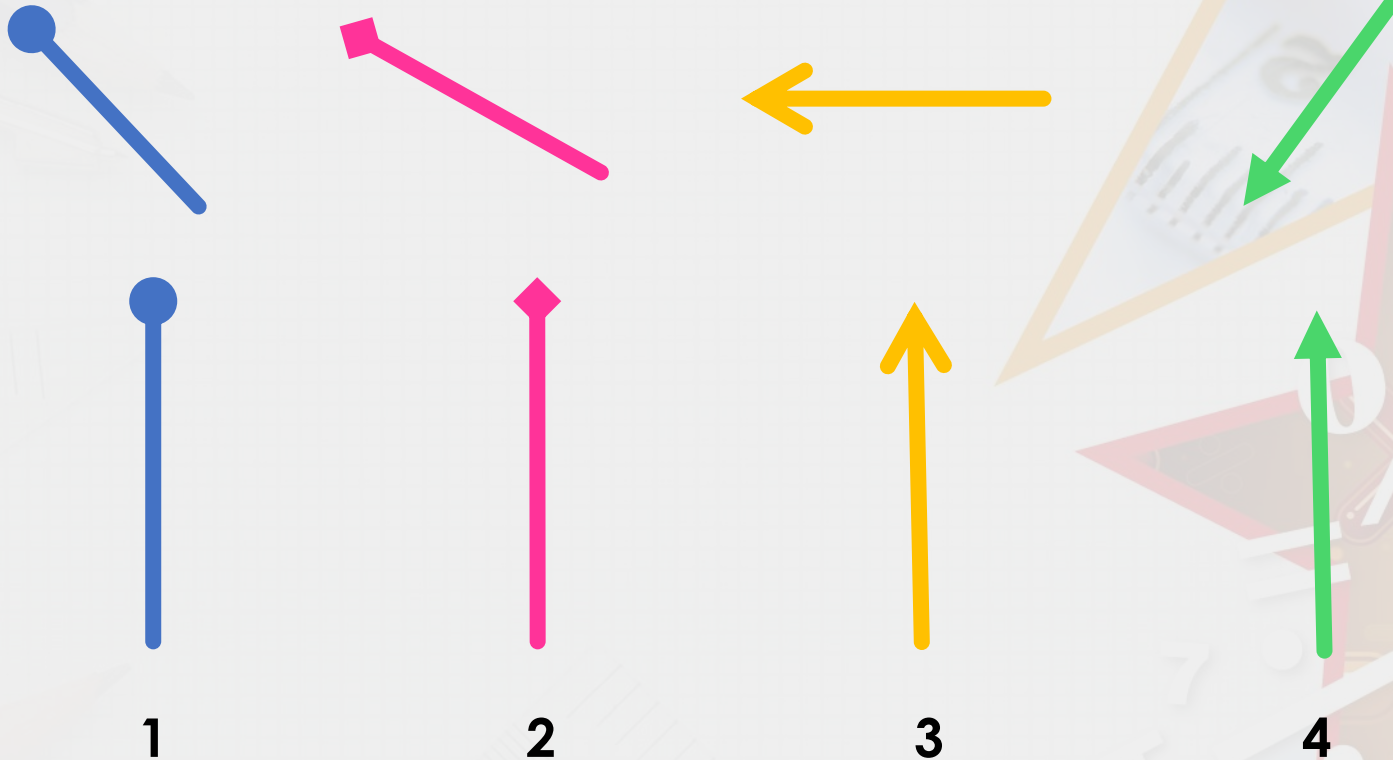
Is Kaito correct? Explain your answer.

Kaito is incorrect because an acute angle is smaller than 90°.

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If you join together the end points of the matching lines below, do they make 4 angles in order from smallest to largest?
Be sure to compare the smallest side of each angle created.

1   2   3   4

If you join together the end points of the matching lines below, do they make 4 angles in order from smallest to largest?
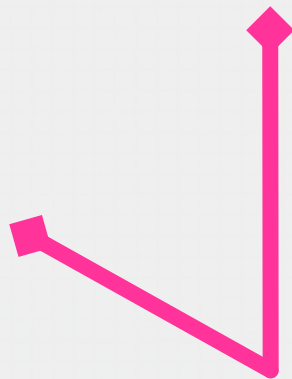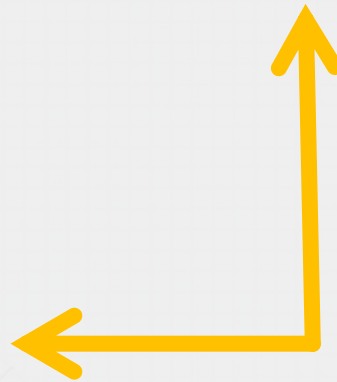Be sure to compare the smallest side of each angle created.

Yes

1   2   3   4