

Homework/Extension

Step 2: Compare and Order Angles

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](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Establish true or false facts by comparing and ordering angles. Includes up to 3 angles per question that are presented on a horizontal base line.

Expected Establish true or false facts by comparing and ordering angles. Includes up to 4 angles per question that are presented on a horizontal or vertical base line.

Greater Depth Establish true or false facts by comparing and ordering angles. Includes up to 4 angles per question that are presented in any orientation.

Questions 2, 5 and 8 (Varied Fluency)

Developing Spot the odd angle out. Includes up to 3 angles per question that are presented on a horizontal base line.

Expected Spot the odd angle out. Includes up to 4 angles per question on a horizontal or vertical base line.

Greater Depth Spot the odd angle out. Includes up to 4 angles per question that are presented in any orientation.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Spot and explain errors when ordering angles. Includes up to 3 angles per question that are presented on a horizontal base line.

Expected Spot and explain errors when ordering angles. Includes up to 4 angles per question that are presented on a horizontal or vertical base line.

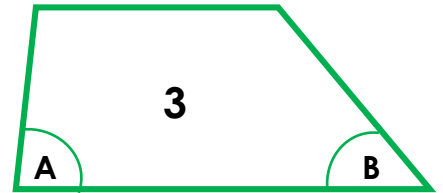
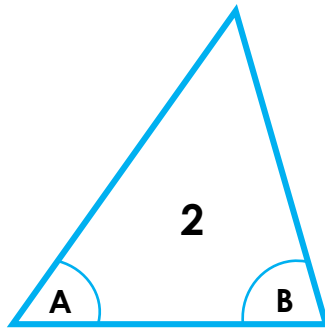
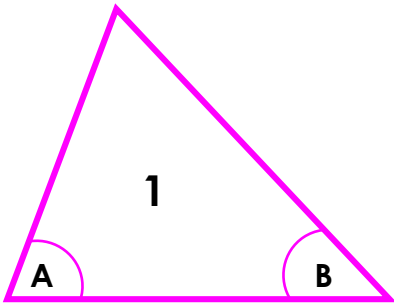
Greater Depth Spot and explain errors when ordering angles. Includes up to 4 angles per question that are presented in any orientation.

More [Year 4 Properties of Shape](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

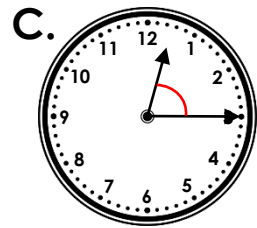
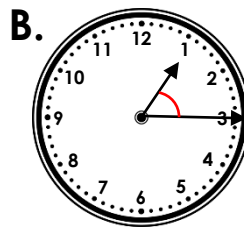
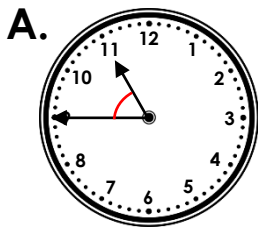
Compare and Order Angles

1. True or false? Angle A is the smallest angle in each of the shapes below.



VF
HW/Ext

2. Compare the angles made by the clock hands below and spot the odd one out.



VF
HW/Ext

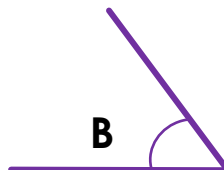
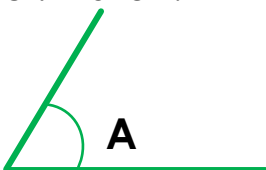
3. Hassan has been ordering the angles below.

He says:



Using an angle tester, I have ordered the angles below from smallest to largest.

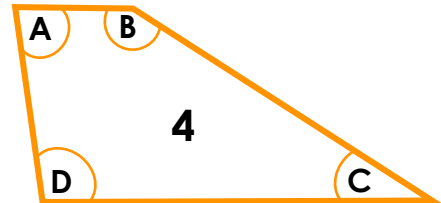
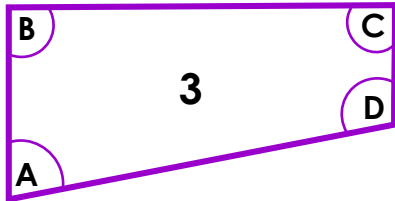
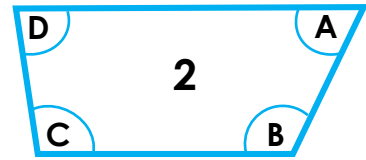
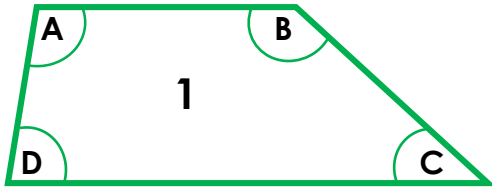
Is he correct? Prove it.



RPS
HW/Ext

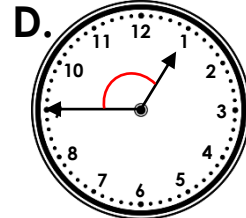
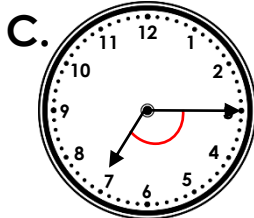
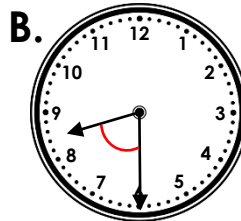
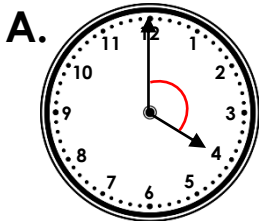
Compare and Order Angles

4. True or false? Angle B is the largest angle in each of the shapes below.



VF
HW/Ext

5. Compare the angles made by the clock hands below and spot the odd one out.



VF
HW/Ext

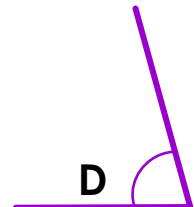
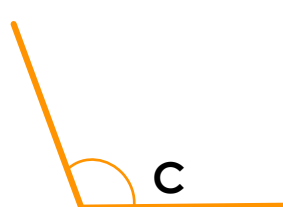
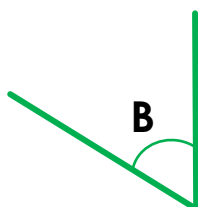
6. Jemma has been ordering the angles below.

She says:



Using an angle tester, I have ordered the angles below from smallest to largest.

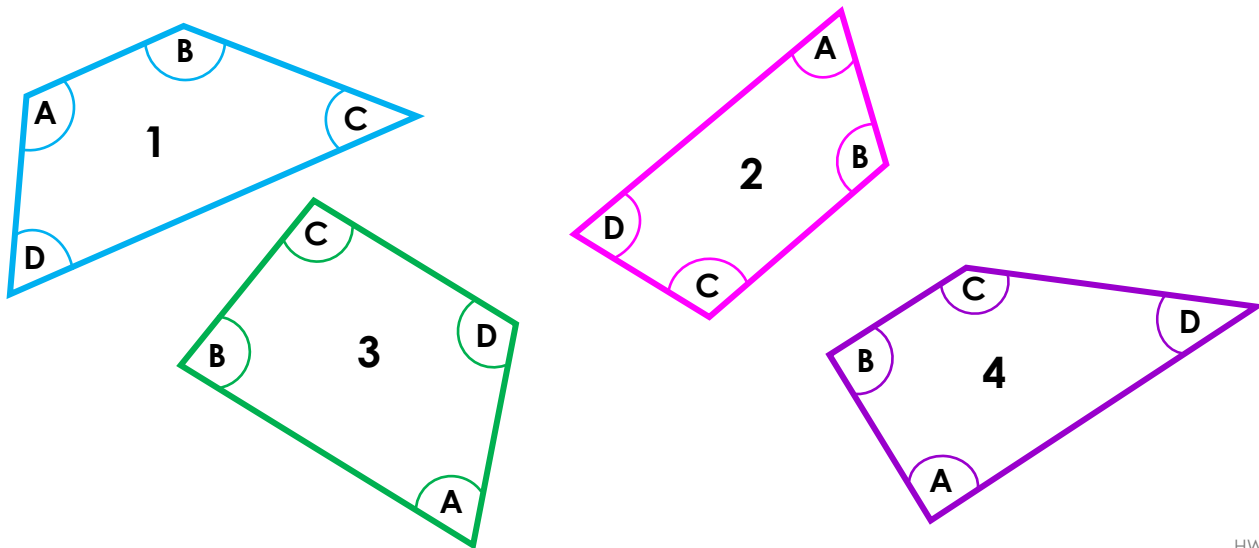
Is she correct? Prove it.



RPS
HW/Ext

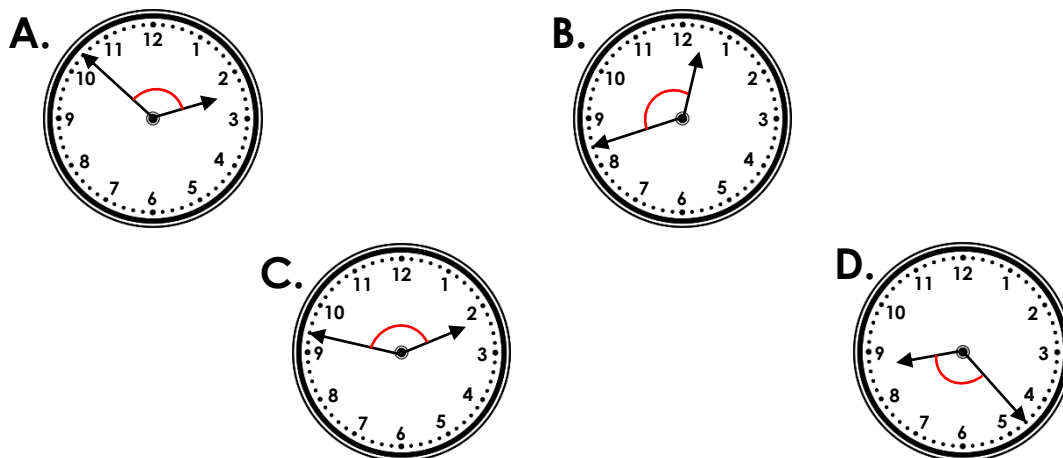
Compare and Order Angles

7. True or false? Angle C is the smallest angle in each of the shapes below.



VF
HW/Ext

8. Compare the angles made by the clock hands below and spot the odd one out.



VF
HW/Ext

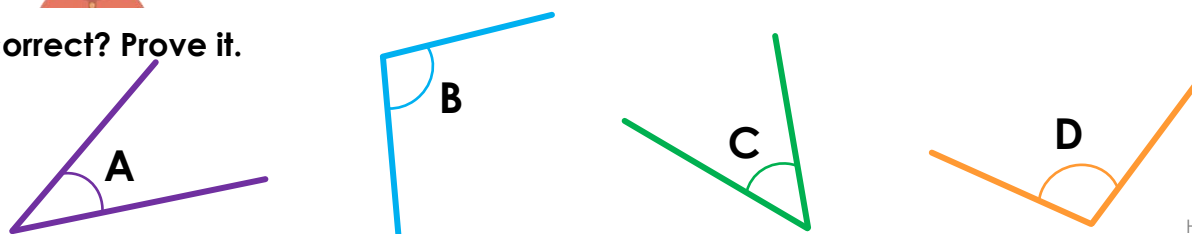
9. Marvin has been ordering the angles below.

He says:



Using an angle tester, I have ordered the angles below from smallest to largest.

Is he correct? Prove it.



RPS
HW/Ext

Homework/Extension

Compare and Order Angles

Developing

1. false, 2. true, 3. false
2. C is the odd one out.
3. Hassan is incorrect because angle B is smaller than angle A.

Expected

4. 1. true, 2. true, 3. false (the answer is D), 4. true
5. B is the odd one out.
6. Jemma is incorrect because angle D is smaller than angle C.

Greater Depth

7. 1. true, 2. false (the answer is A), 3. false (the answer is A), 4. false (the answer is D)
8. C is the odd one out.
9. Marvin is incorrect because angle C is smaller than angle B.