

# Homework/Extension

## Step 3: Compare Angles

### National Curriculum Objectives:

Mathematics Year 3: (3G4a) [Recognise that angles are a property of a shape or a description of a turn](#)

Mathematics Year 3: (3G4b) [Identify right angles, recognise that two right angles make a half turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Circle the acute angles from a selection of shapes. Includes regular shapes and horizontal orientation of angles.

**Expected** Circle the acute angles from a selection of shapes. Includes some use of irregular shapes and mostly horizontal orientation of angles.

**Greater Depth** Circle the acute angles from a selection of shapes. Includes irregular and compound shapes with horizontal and diagonal orientation of angles.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Identify if the statement comparing angles is true or false. Includes horizontal orientation of angles.

**Expected** Identify if the statement comparing angles is true or false. Includes mostly horizontal orientation of angles.

**Greater Depth** Identify if the statement comparing angles is true or false. Includes horizontal and diagonal orientation of angles.

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

**Developing** Explain which shape is the odd one out. Includes regular shapes.

**Expected** Explain which shape is the odd one out. Includes some use of irregular shapes.

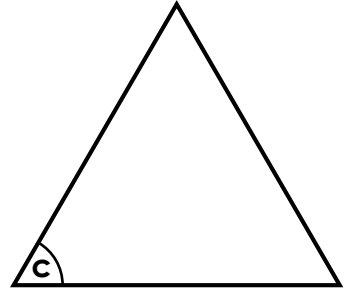
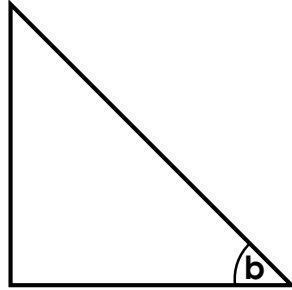
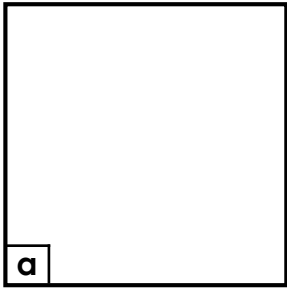
**Greater Depth** Explain which shape is the odd one out. Includes irregular and compound shapes.

More [Year 3 Properties of Shapes](#) resources.

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

# Compare Angles

1. Circle the acute angles below.



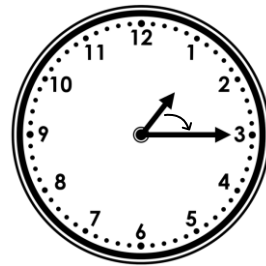
VF  
HW/Ext

2. True or false?

The hands on clock A show the smallest angle.



A



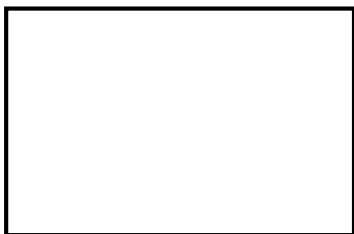
B



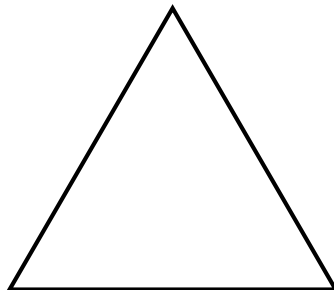
VF  
HW/Ext

3. Look at the angles in the shapes below.

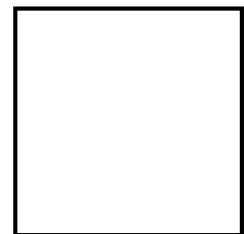
Find the odd one out and explain your reasoning.



A



B



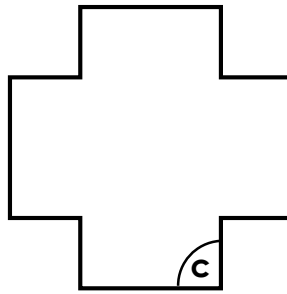
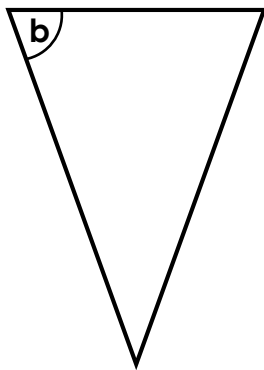
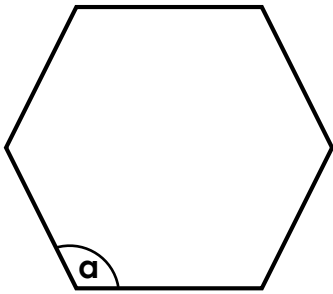
C



RPS  
HW/Ext

# Compare Angles

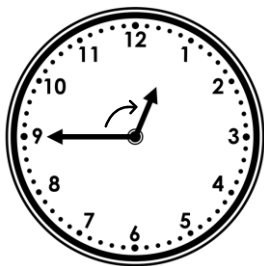
4. Circle the acute angles below.



VF  
HW/Ext

5. True or false?

The hands on clock C show the largest angle.



A



B



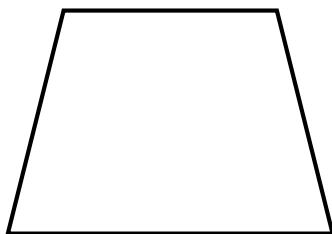
C



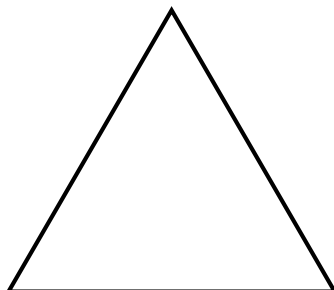
VF  
HW/Ext

6. Look at the angles in the shapes below.

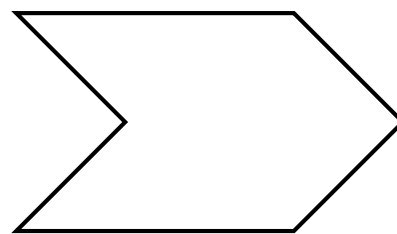
Find the odd one out and explain your reasoning.



A



B



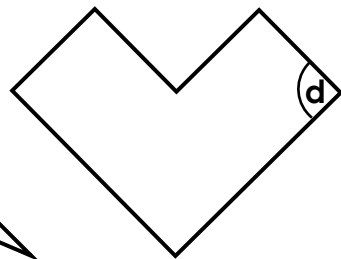
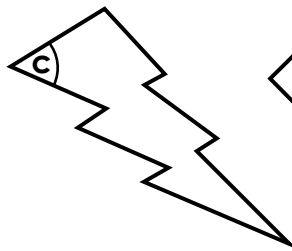
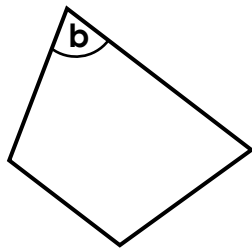
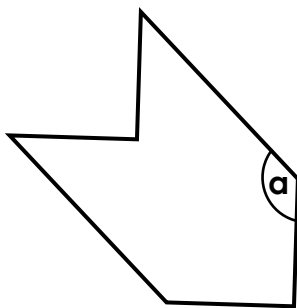
C



RPS  
HW/Ext

# Compare Angles

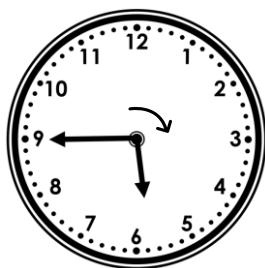
7. Circle the acute angles below.



VF  
HW/Ext

8. True or false?

The hands on clock B show the largest angle.



A



B



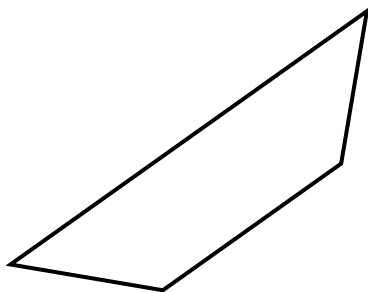
C



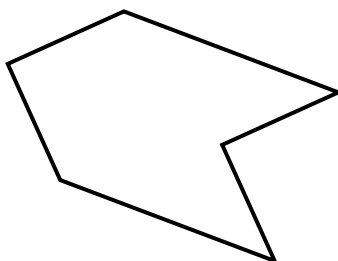
VF  
HW/Ext

9. Look at the angles in the shapes below.

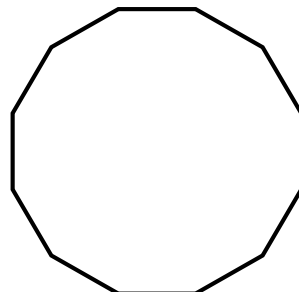
Find the odd one out and explain your reasoning.



A



B



C



RPS  
HW/Ext

# Homework/Extension

## Compare Angles

### Developing

1. **b and c**
2. **False, the hands on clock B show the smallest angle.**
3. **B is the odd one out because it is the only shape which does not have right angles.**

### Expected

4. **b and d**
5. **False, the hands on clock A show the largest angle.**
6. **B is the odd one out because it is the only shape which only has acute angles.**

### Greater Depth

7. **b and c**
8. **False, the hands on clock C show the largest angle.**
9. **C is the odd one out because it is the only shape which only has obtuse angles.**