

**Tuesday**

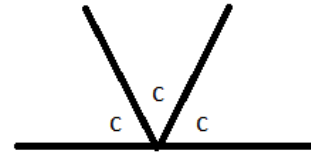
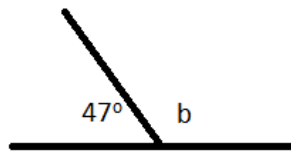
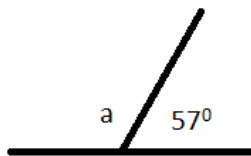
**Starter**

At midnight the temperature in Birmingham was  $-4^{\circ}\text{C}$ .

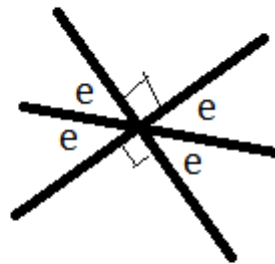
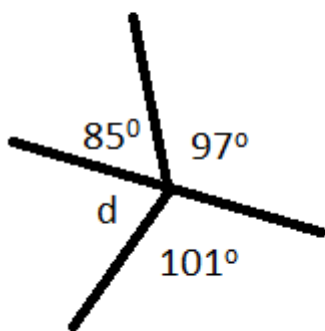
By midday the next day the temperature had risen to  $5^{\circ}\text{C}$ .

By how many degrees did the temperature rise?

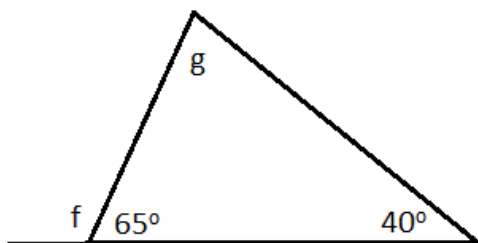
**Angles in Shapes and Turns**



1. What are the values of angles a, b and c?



2. What are the values of angles d and e?



3. What are the values of f and g?

4. What would each of the angles in an isosceles right-angled triangle measure?
5. Richard draws a scalene triangle. Write down the measurements of what the 3 angles could be?

Wednesday

Starter

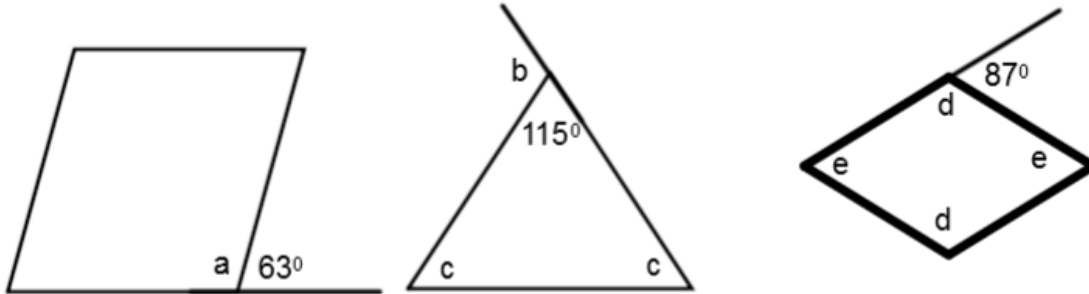
$0.2 \times 3$

$7 \times 0.4$

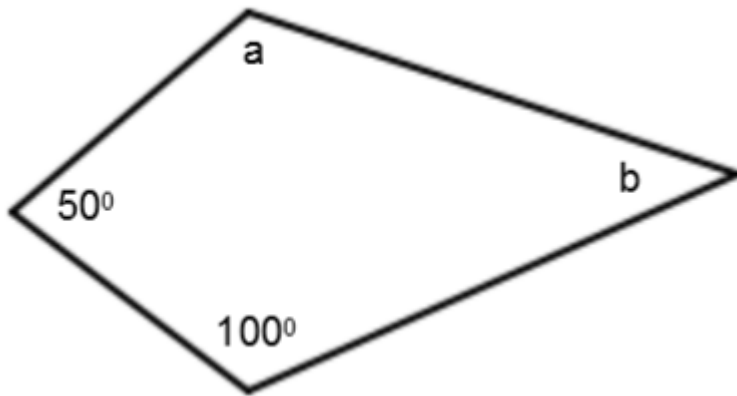
$8 \times 0.01$

$0.06 \times 4$

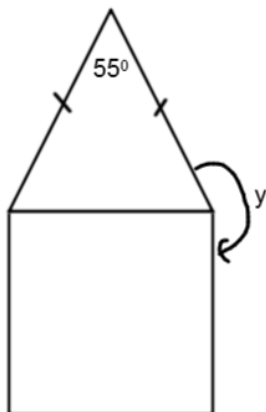
Angles in Shapes and Turns



1. Find the value of the labelled angles.



2. Find angles  $a$  and  $b$  in the kite.
3. Find the value of the exterior angle  $y$ .



**Thursday**

**Starter**

$0.25 \times 6$

$0.1 \times 54$

$0.5 \times 0.5$

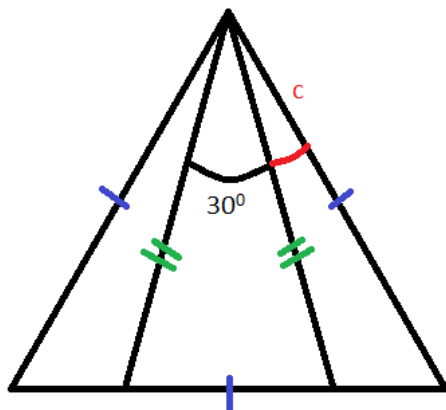
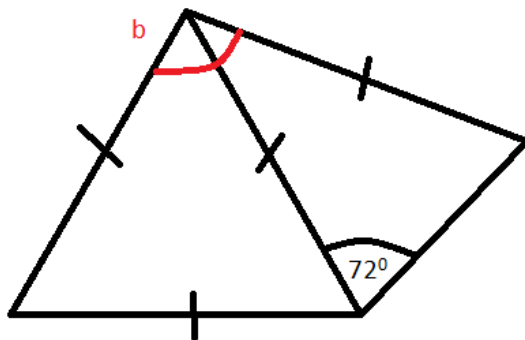
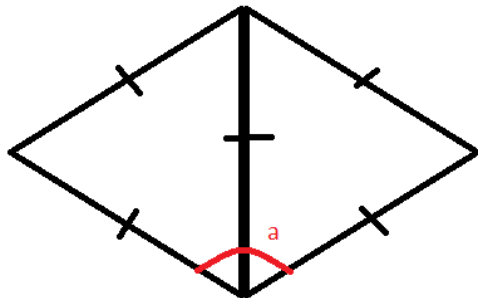
$0.25 \times 0.4$

$0.5 \times 0.1$

**Activity**

1. What do the external angles in an equilateral triangle add up to?
2. What do the external angles in a regular hexagon add up to?
3. What do the external angles in a rectangle add up to?
4. What do the external angles in a regular octagon add up to?

**Find the labelled angles in the shapes below.**



Friday

Problem Solving

When you multiply 1089 by 9 the number reverses itself:

$$1089 \times 9 = 9801$$

Can you find the four-digit number that reverses itself when it's multiplied by 4?

In other words:

$$abcd \times 4 = dcba$$