

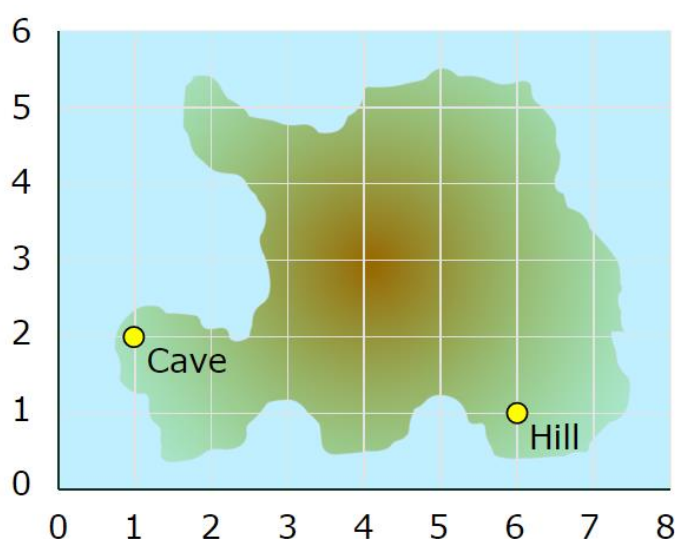
Year 4 Home Learning Week 13 - 29.6.20-3.7.20

Maths Support Document

Use your MyMaths logins to complete your tasks on coordinates, symmetry and angles. <https://login.mymaths.co.uk/login>

Lesson 1 - Coordinates 1 Positive

Make sure you complete the online lesson before completing your task. This will help you understand your task better.



What are the coordinates of these places?

Cave (,) [2]

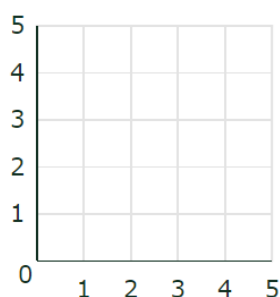
Hill (,) [2]

Drag the dots to the correct places on the map.


 (3 , 4)  (5 , 5)


Position of (3 , 4) [2]


Position of (5 , 5) [2]



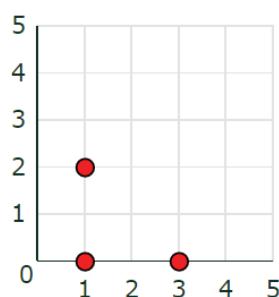
Drag the coordinates of the triangle ABC onto the grid.

A: (1, 0) 

B: (2, 2) 

C: (3, 1) 

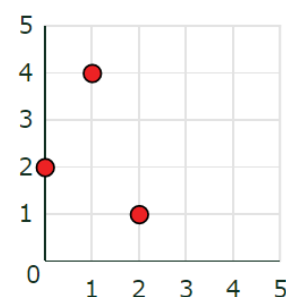
[3]



The last vertex of this square is:

(,)

[2]



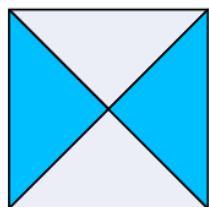
The last vertex of this square is:

(,)

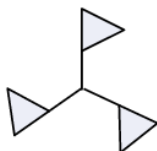
[2]

Make sure you complete the online lesson before completing your task. This will help you understand your task better.

How many lines of symmetry does each shape have?



[2]

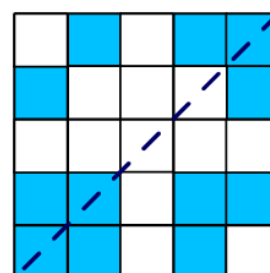
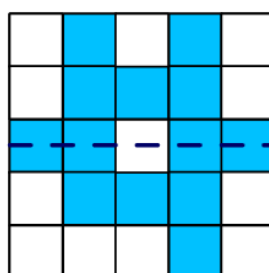
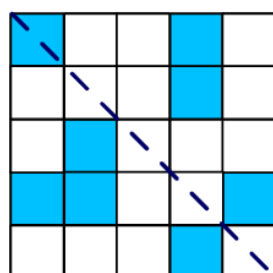
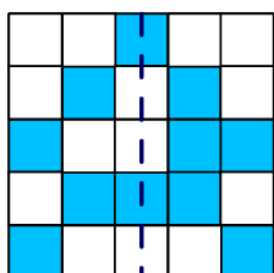


[2]

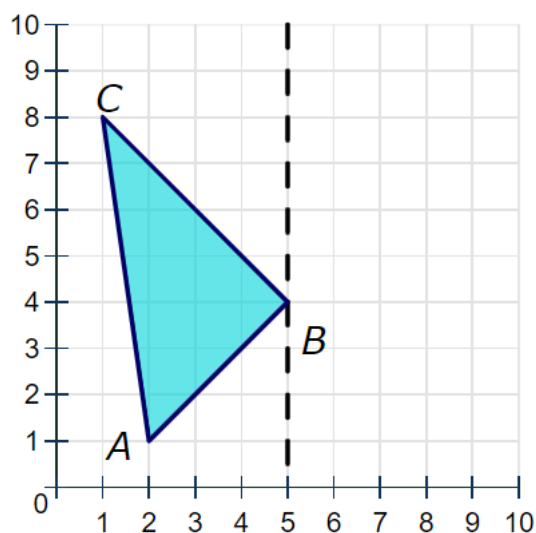


[2]

For each pattern, click on one square so that the pattern is reflected in the line shown.



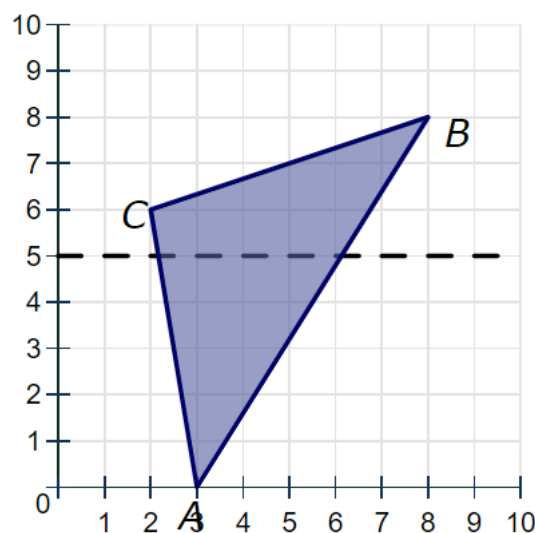
Work out the new coordinates when each shape is reflected in the line shown.



new A = (,) [1]

new B = (,) [1]

new C = (,) [1]



new A = (,) [1]

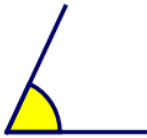
new B = (,) [1]

new C = (,) [1]

Lesson 3 - Angles 2 and 3

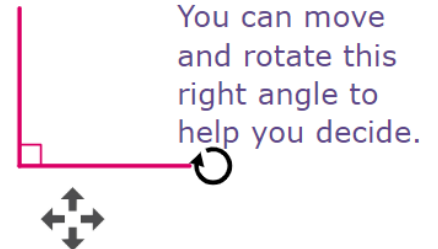
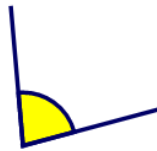
Make sure you complete the online lesson before completing your task. This will help you understand your task better.

Label each angle to say whether it is acute or obtuse.

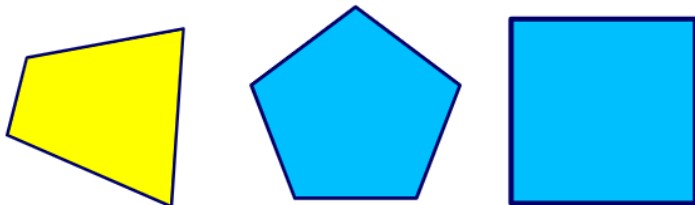


Acute

Obtuse



Drag the polygons into the correct boxes.



Regular polygons

Irregular polygons

Label the angles.

acute

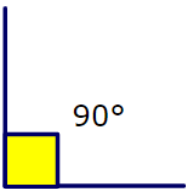
right

obtuse

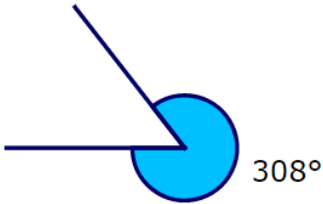
straight

reflex

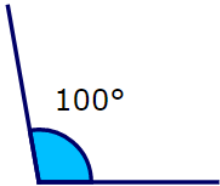
[8]



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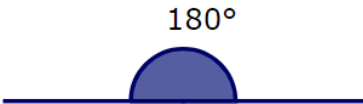
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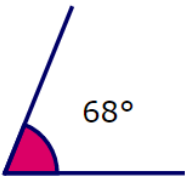
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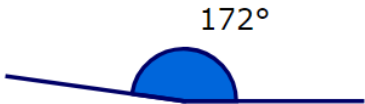
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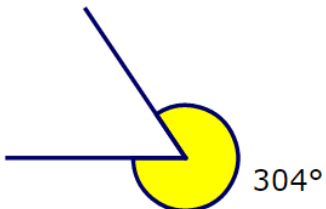
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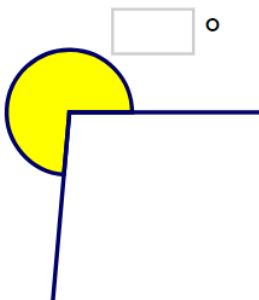
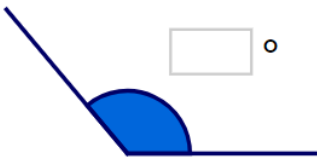
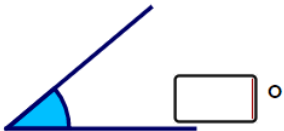
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Estimate the size of each angle.
You must be within 10 degrees.

[3]



Compare the angles using the symbols.

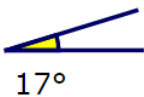
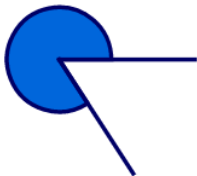
[3]

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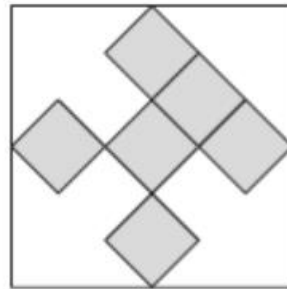
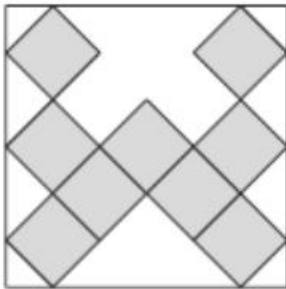
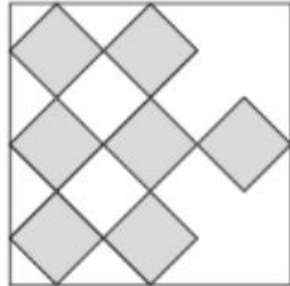
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Challenge/Extension: Answer the following test style questions based on the objectives you have covered this week.

Draw the line of symmetry on each tile.

Use a ruler.



Kirsty says,



When you double the size of an acute angle, you always get an obtuse angle.

Explain why Kirsty is **not** correct.