Year 6 Maths
with Miss Maths

Daily maths with Miss Maths

- My group can join me at 11am or work through this power point at home.

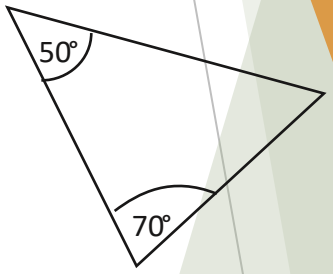
- Tomorrow (Friday) you will have time to work through the Oak Academy Angles quiz and lesson. You can also have a look at any other angles work set for year 6.

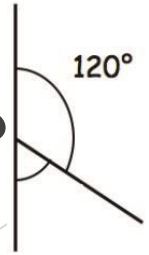
https://www.thenational.academy/year-6/maths/find-the-value-of-missing-angles-year-6-wk3-1#slide-1

(This is from Monday's work)

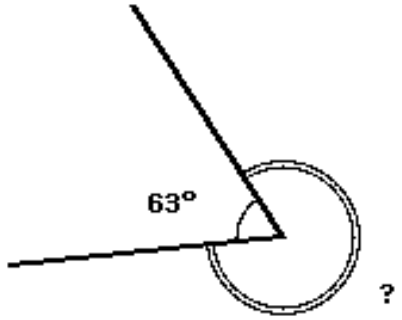
How much have you remembered from our learning this week? Try to answer the following questions in full sentences.

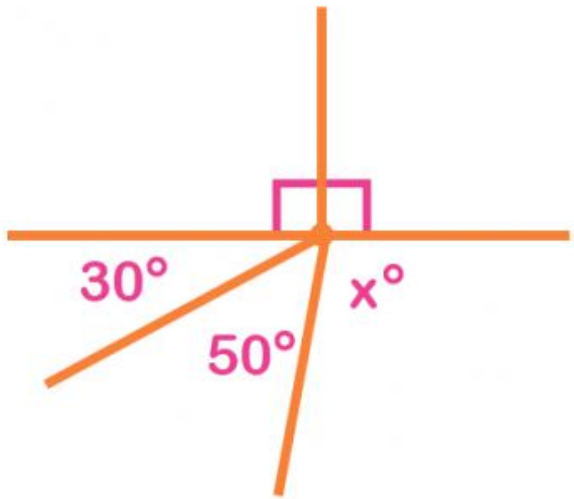
- What can you tell me about an angle?
- What are the different types of angles?
- How many degrees in a $\frac{1}{4}$ turn, $\frac{1}{2}$ turn , $\frac{3}{4}$turn and a full turn?
- How do you find a missing angle in a triangle? (no angle measurer)
- Name the 4 types of triangles and describe how they are different.
- How do you find a missing angle within a straight line?



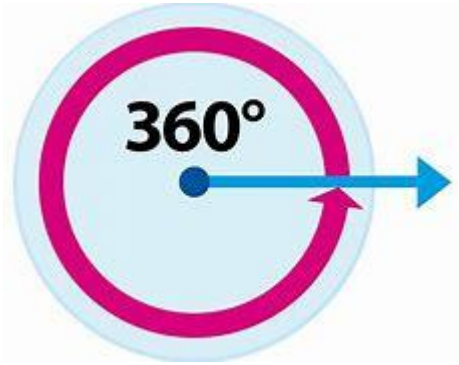


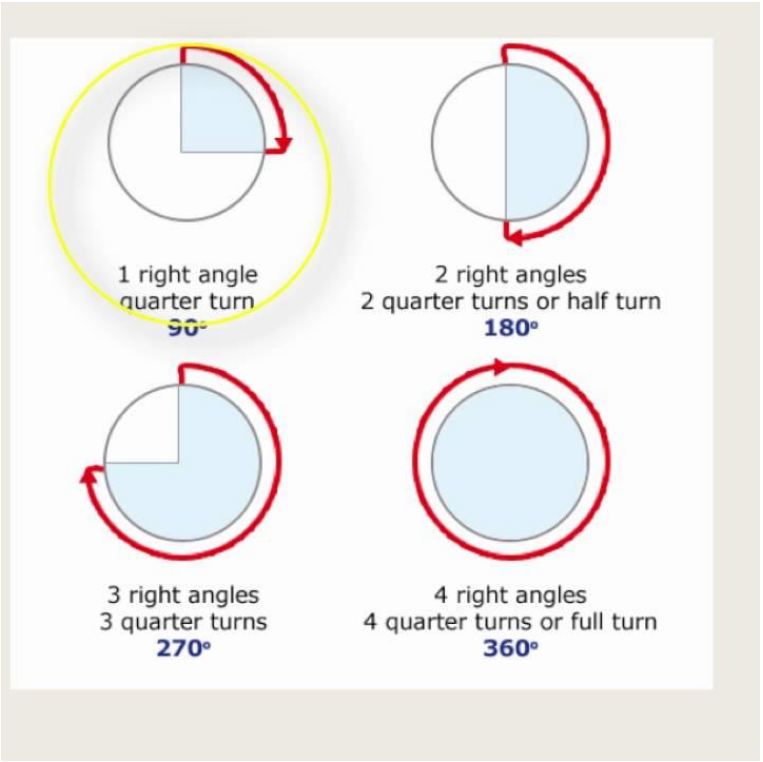
Today we will learn about missing angles within a full turn



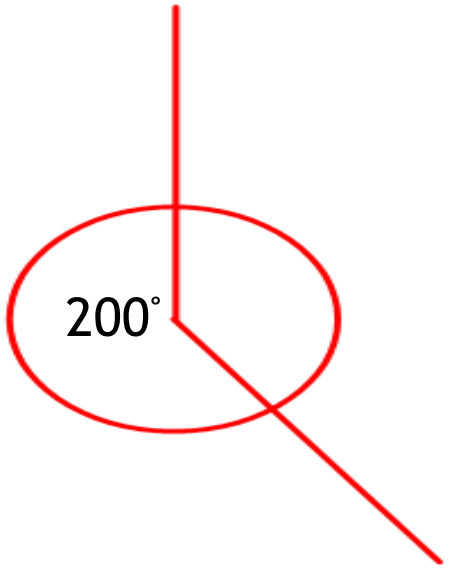


A full turn


360°


1 right angle
quarter turn
90°
2 right angles
2 quarter turns or half turn
180°
3 right angles
3 quarter turns
270°
4 right angles
4 quarter turns or full turn
360°

We know a full turn is 360° so to calculate the missing angle below we take away 200° from 360° to find the answer.



360° is the full turn	
200°	The missing angle

$$\begin{array}{r} 360 \\ -200 \\ \hline 160 \end{array}$$

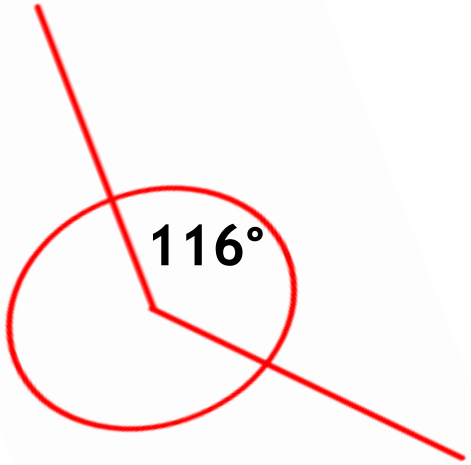
Remember to check your answer yourself. The mystery angle added to the angle given should equal 360°
Use your addition skills to check your own work.

Let's try another question.

We have a missing angle and an angle that measures 116°

We know a full turn is 360° This is an essential key fact that we need to know.

(Yesterday our essential key fact was that a straight line angle = 180°)



360° is the full turn	
116°	The missing angle

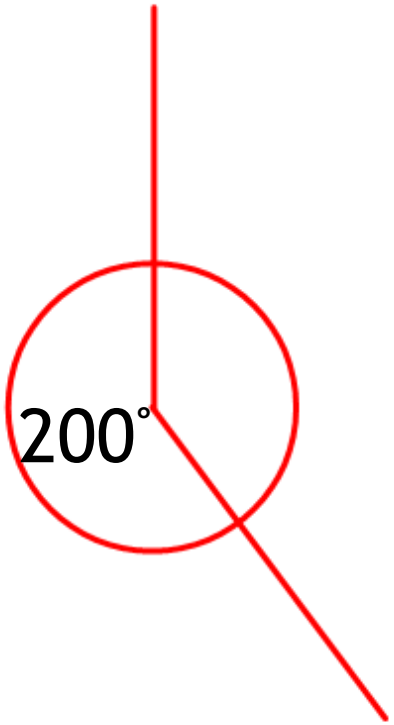
360
- 116

Remember to check your answer yourself. The mystery angle added to the angle given should equal 360°

Use your addition skills to check your own work.

Calculate the missing angles:
Check your work by doing the inverse.

A



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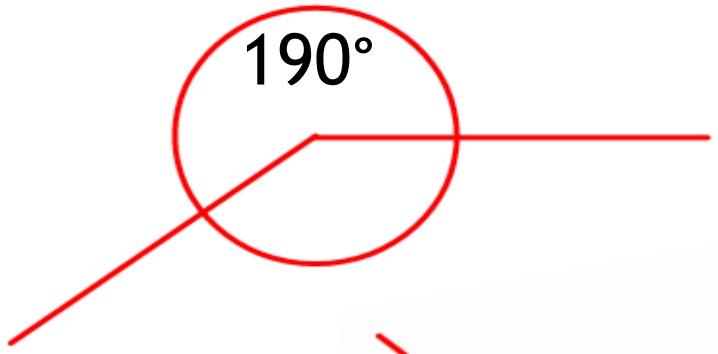

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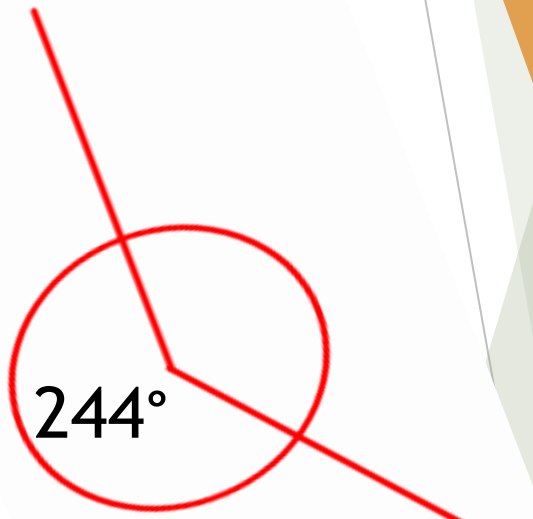

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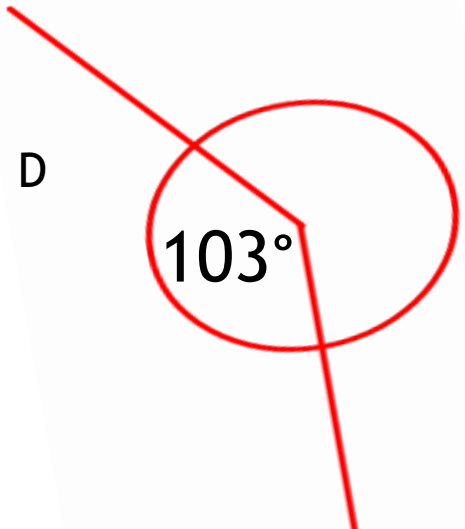
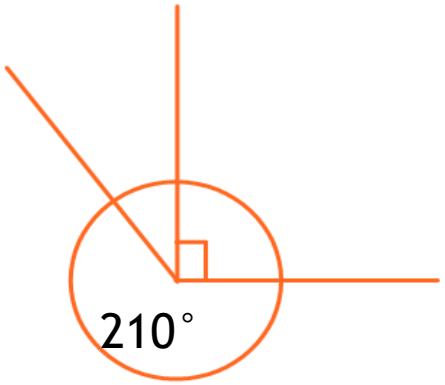
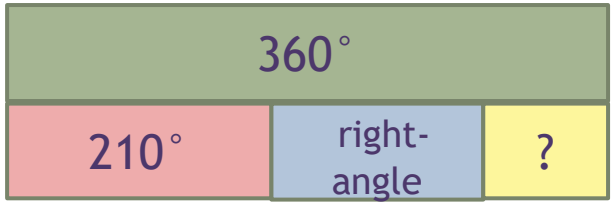


Next level…
Calculate the missing angles:
Check your work by doing the inverse.

A





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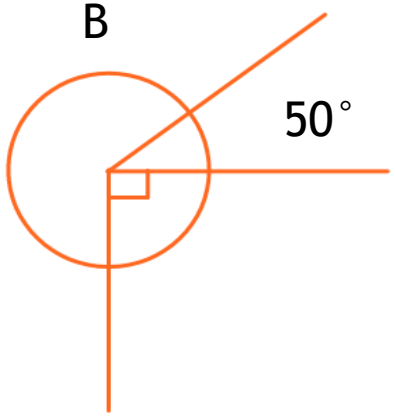

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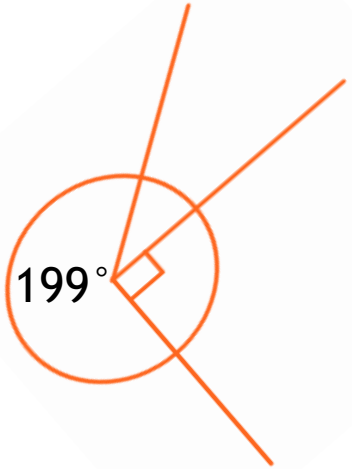

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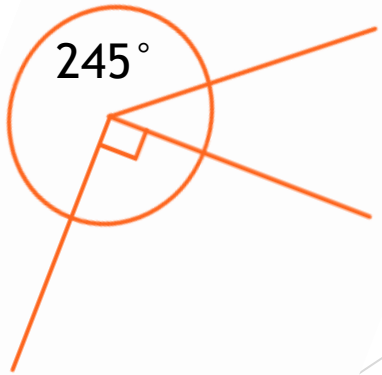
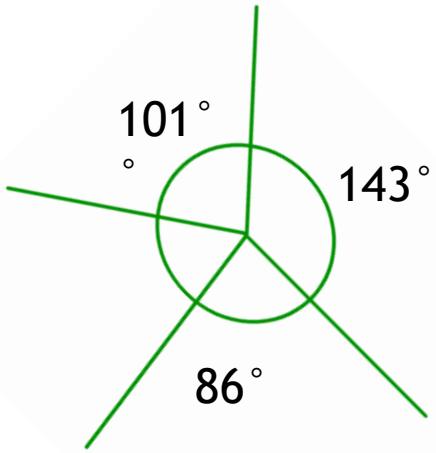


Next level…
Find the missing angle. Check you own answers.

A



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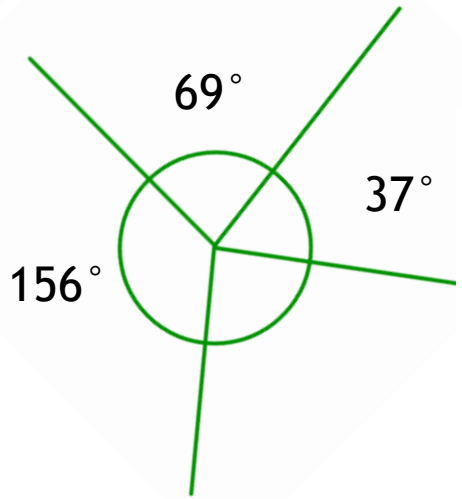

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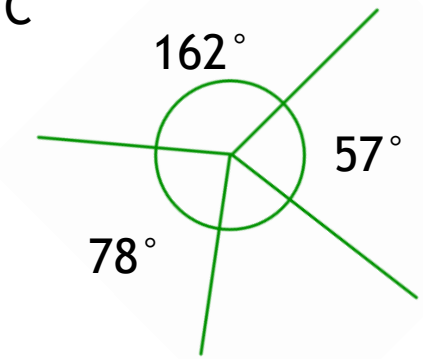

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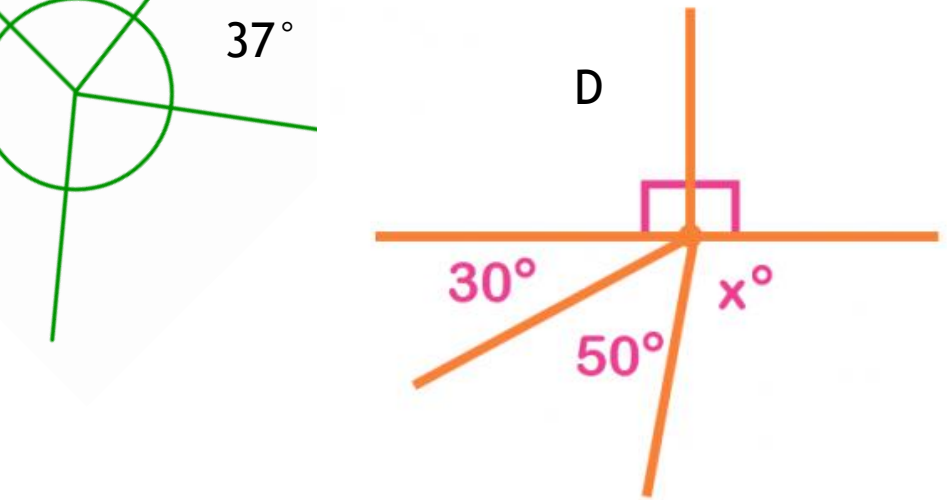
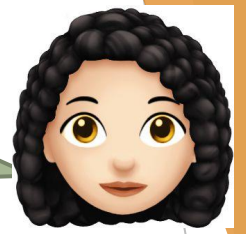
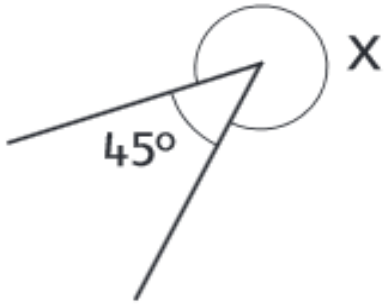


Have a look at each question below. How could you solve each one? Can you explain how?



- Calculate the missing angle X. Do not measure!

A



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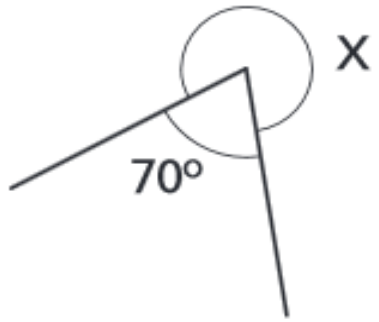

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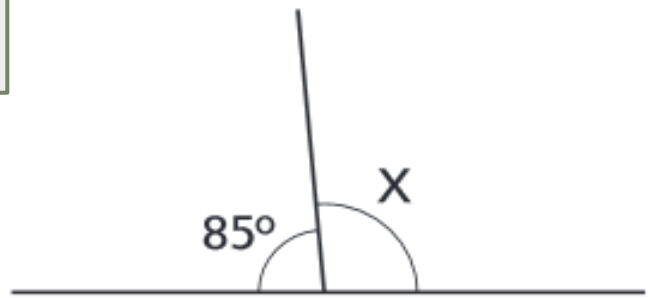

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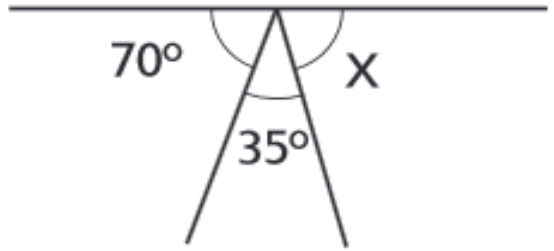

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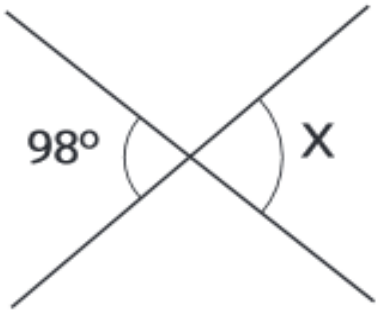

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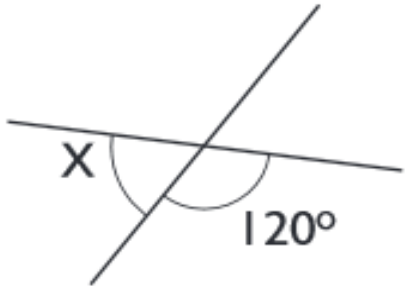

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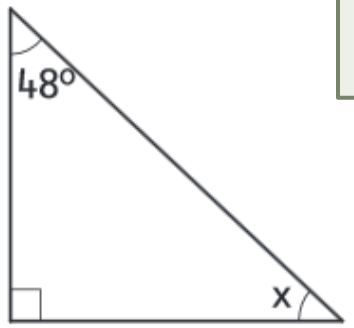

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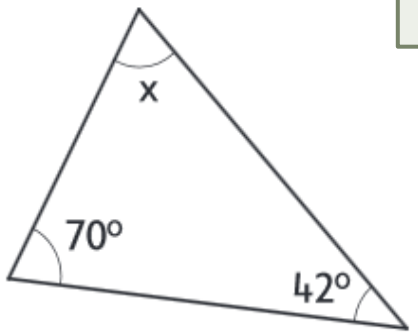

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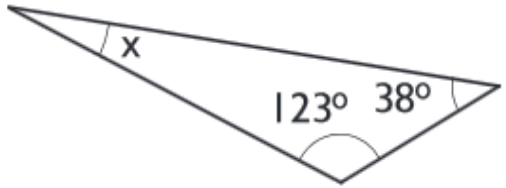

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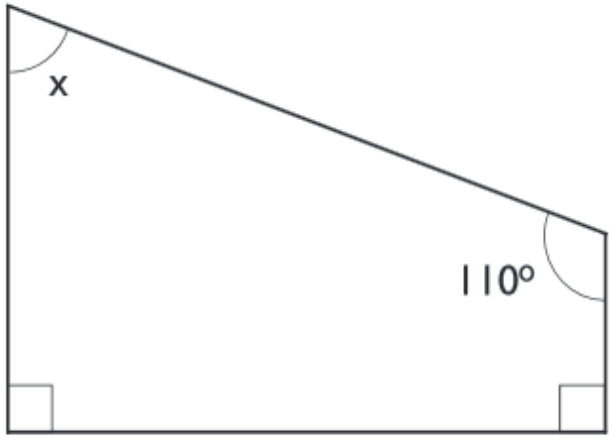

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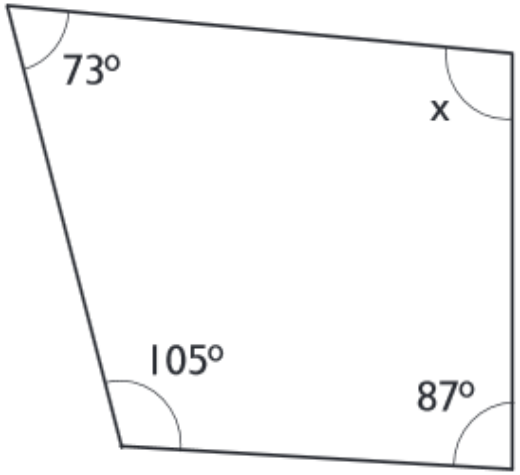

Remember there is no online lesson tomorrow. Please go through the Oak academy lesson from Monday or any other angles work.

Have a lovely half-term break. I'm really proud of you all. Your effort and attitude towards your learning has been amazing.

Have a great week,
from Miss Maths ☺