

Year 4 Maths Trail

1. Different planes have different symbols on them to show which country they are from. Make a tally chart of the number of planes with each symbol.

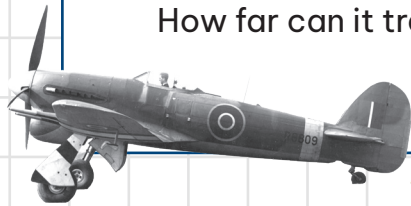
Symbol	Tally

2. Find the Hawker Typhoon. What is its top speed in miles per hour?

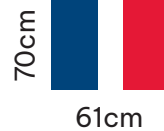
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How far can it travel in 3 hours?

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3. Have a look at the Bristol Beaufighter. Can you work out the perimeter of the rectangle tail marking? Two sides have been given to help.



Do they have obtuse, acute, or right-angles?

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4. Go to the helicopters and find the Bristol Sycamore HR14 helicopter. Work out the co-ordinates of the people below to help the search and rescue team find them.

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	a	b	c	d	e	f	g	h	i	j
1										
2										
3										
4										
5										



5. Find the Hawker Hurricane. The Hurricane was responsible for 60% of all German aircraft destroyed during the Battle of Britain.

What is 60% as a fraction and as a decimal?

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6. What is the number on the side of the Avro Anson? What are the last three numbers on the number plate of the Queen Mary tractor?

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Subtract the Anson number from the Queen Mary number. Then add the two numbers together.

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7. Match these planes in the correct places on the timeline below.



Heinkel He111H-20

1936 - 1945



Bristol Beaufort VIII

1939 - 1943



Airspeed Oxford I

1937 - 1954

8. Find the Messerschmitt Bf 109E-3. It has a wingspan of 9m.

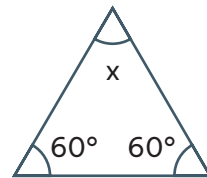
If 7 Messerschmitts were lying next to each other, how many metres long would they be?

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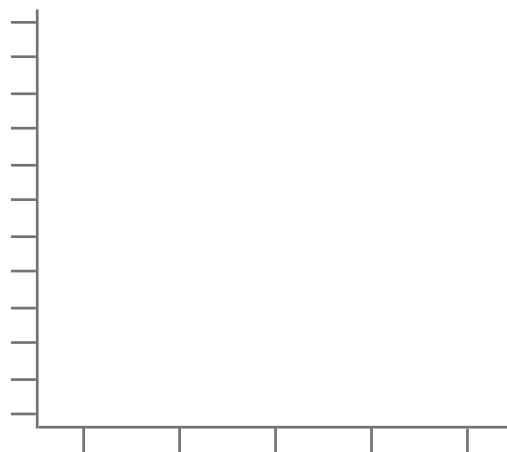
9. Have a look at the Fiat CR42 Falco. It uses metal poles arranged in triangles to support the two wings.

Use the picture below to calculate the size of the missing angle.



10. Use the information from your tally chart of the different symbols in Question 1 to make a bar graph on the lines below.

Number of planes



Symbol