WALT measure angles in a full turn. WILF:

- Identify different angles

Whoa.

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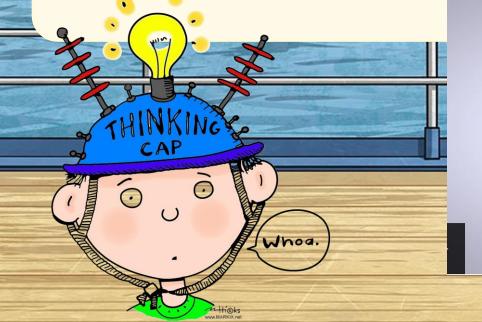
- Recognise one full turn as 360 degrees.
- Find different angles at parts of a turn and a full turn using our angles understandings.

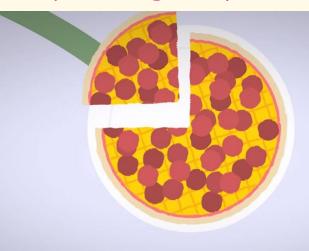
Slides by Twinkl. Edited slides = E

The angle of a whole turn, which looks like a circle, equals 360 degrees. °

We can also find angles at different points in the circle when two lines meet, a bit like a slice of pizza which has yet to be taken out of the full pizza.

Recap on what angles sizes there are by clicking the pizza:





Right-angle

Original slide, backdrop by Twinkl

Think of three numbers that have a sum of 360°.

Now think of another set of numbers, and another.

What do all of these numbers have in common when you're thinking about angles?

Can you think of a combination that no-one else will think of?

Challenge: can you think of a combination including decimals?

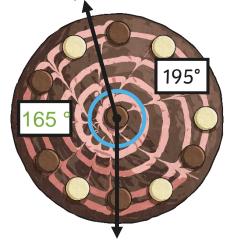


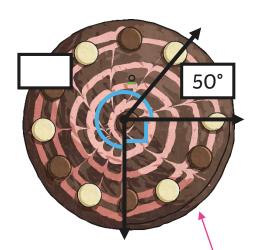
Thinking of how we calculated angles on a straight line, how could we calculate the missing angles on these cakes?

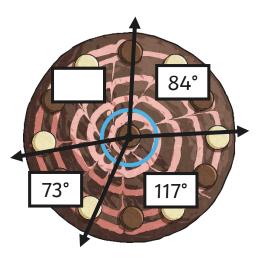


We know that a full turn is 360 °, so 360 - 195 will give me my missing angle. Try to find the other missing angle by subtracting the given angles from 360 °.

Example: 360 - 195 = 165 °





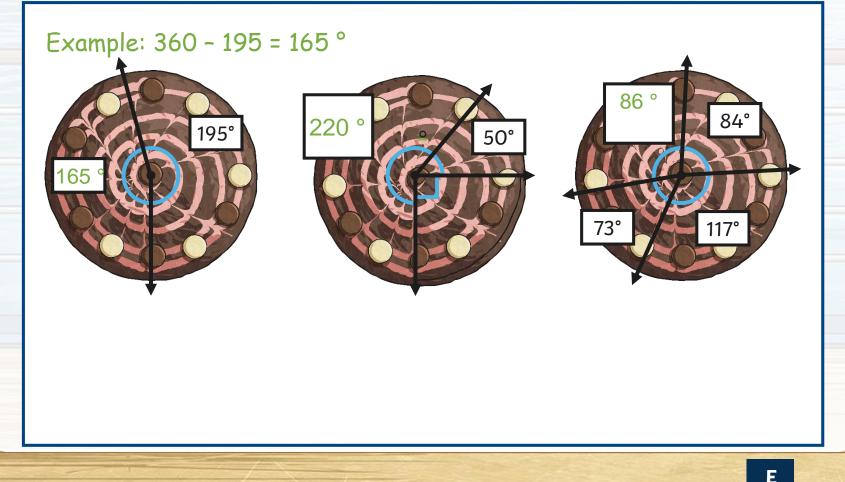


Hint: if an angle looks like the corner of a square it is a..... angle and therefore measures.....

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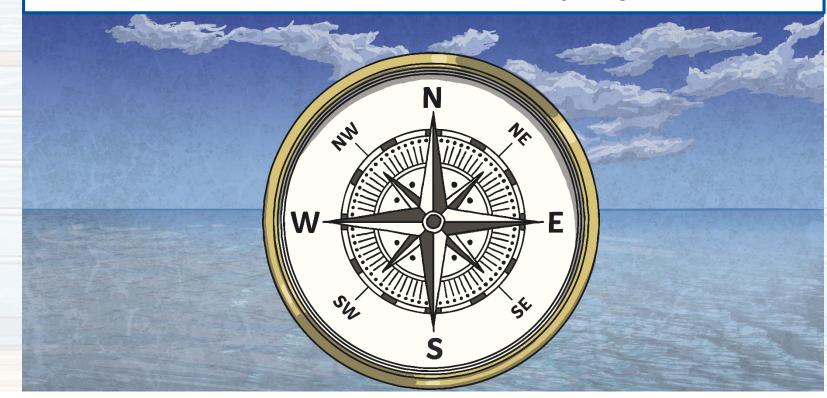


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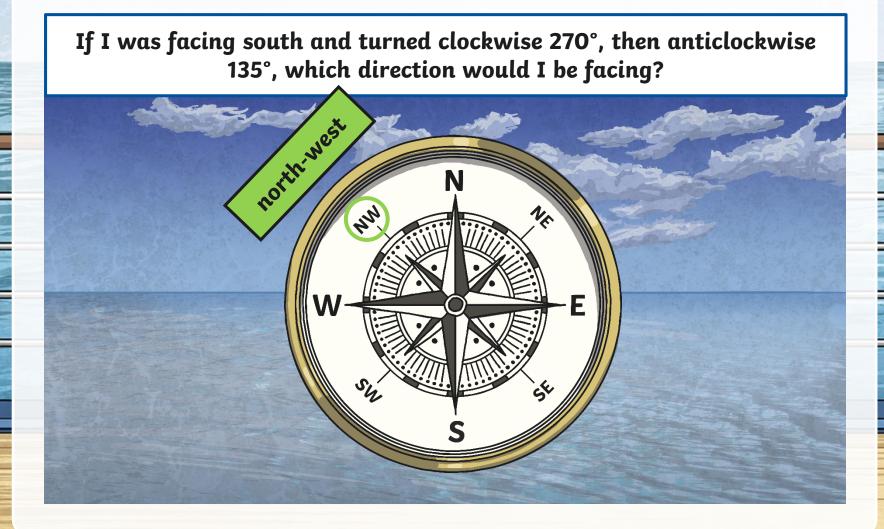


If I was facing south and turned clockwise 270°, then anticlockwise 135°, which direction would I be facing?

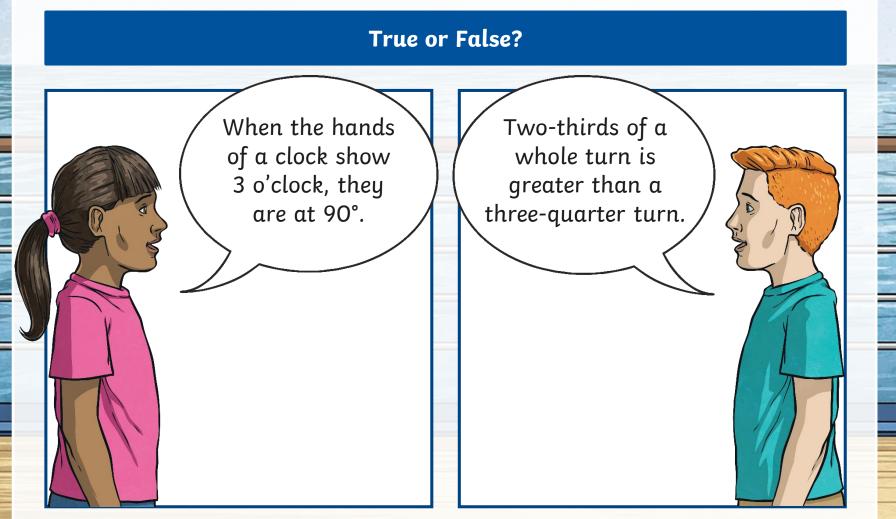


Unsure how to do this? Look between North and East – what is the angle? NE will be half of that angle. Each co-ordinate is evenly spaced.

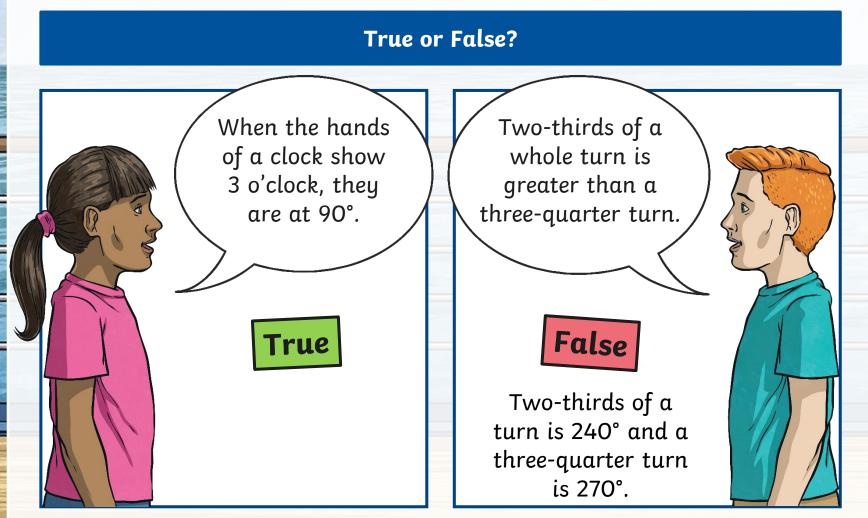






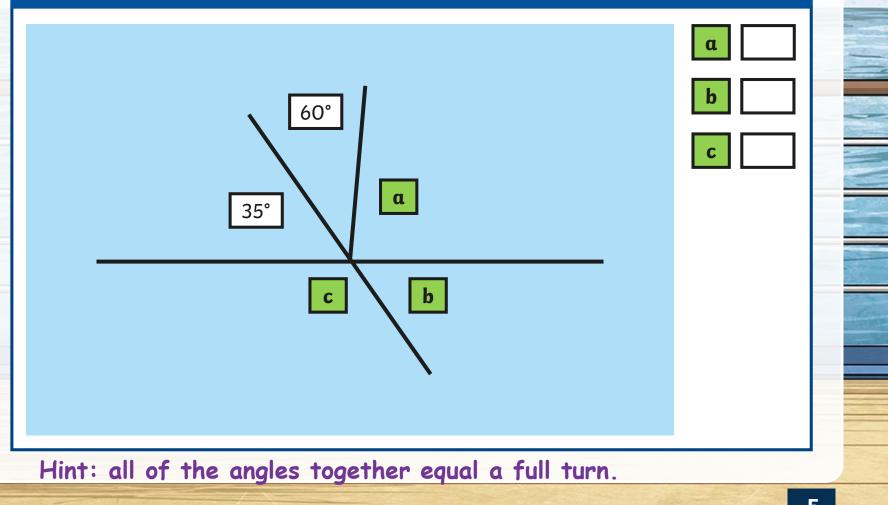






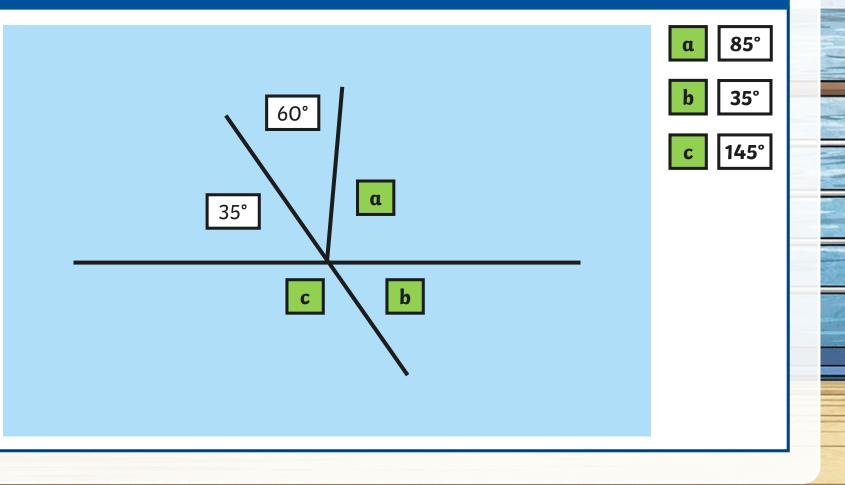


How would you calculate the missing angles?





How would you calculate the missing angles?



Have a go at today's activity – Week 1. Maths. Thursday Activity.

