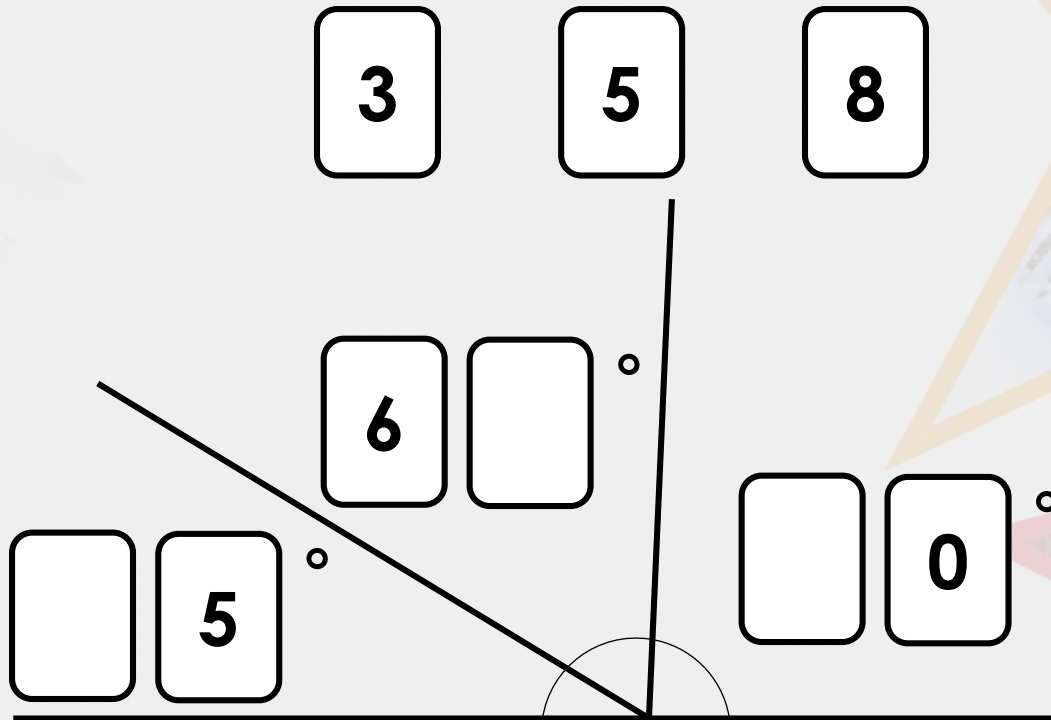


Part 3 - Reasoning

WALT: Calculate Angles

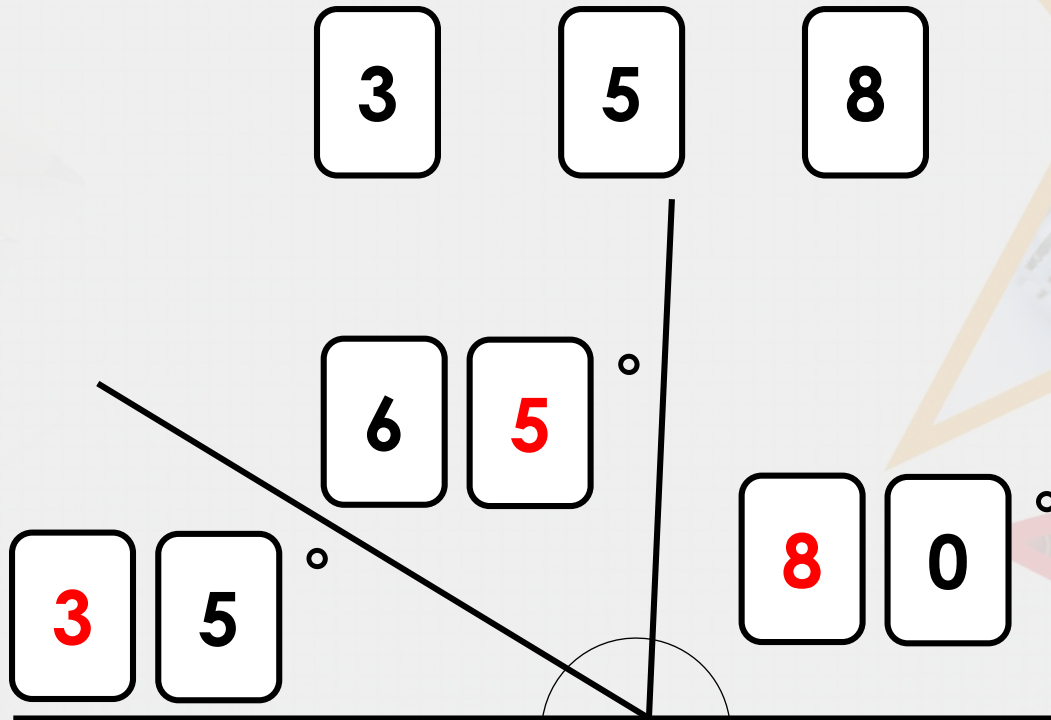
Problem Solving 1

Use the digit cards to fill in the missing angles. Each angle is a multiple of 5.



Problem Solving 1

Use the digit cards to fill in the missing angles. Each angle is a multiple of 5.



Problem Solving 2

Use the hints to work out the angles:

Three angles make up a straight line.

Angle A is a quarter of angle B.

Angle C is a multiple of 11.

All angles are multiples of 5.

What are the 3 angles?

Problem Solving 2

Use the hints to work out the angles:

Three angles make up a straight line.

Angle A is a quarter of angle B.

Angle C is a multiple of 11.

All angles are multiples of 5.

What are the 3 angles?

$A = 25^\circ$, $B = 100^\circ$ and $C = 55^\circ$

Reasoning 1

The minute hand on the clock moves from the 10 to the 1.
It makes a 80° angle.
True or false?



Reasoning 1

The minute hand on the clock moves from the 10 to the 1.
It makes a 80° angle.
True or false?



**False: it has made a 90° angle (right-angle).
Each 5 minute interval is a 30° angle.**

Well done! It's over to you now.

Go to Part 4 and choose your Star Challenge! Normal rules apply: page 1 will give you an easier challenge, page 2 will be about the same as what we've just practised and page 3 will be more of a stretch.

You only need to do the first set of questions on your chosen Star Challenge – the 'A' questions. If you want extra practice, you can then do the next set of questions – the 'B' questions. When you finish, don't forget to mark your answers before sharing, so I can see where you need help.