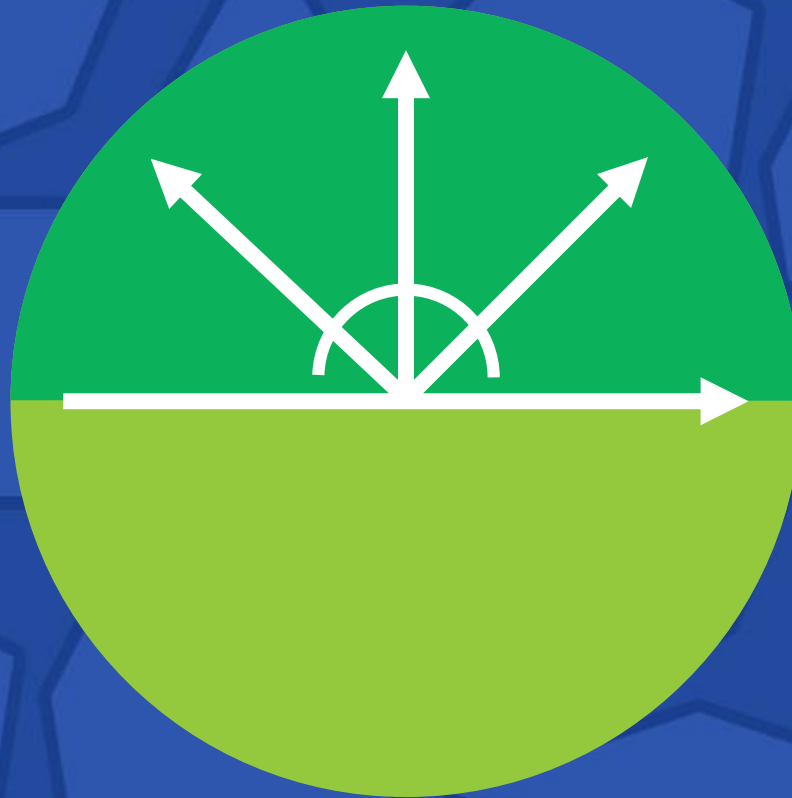


Angles on a Straight Line



Aim

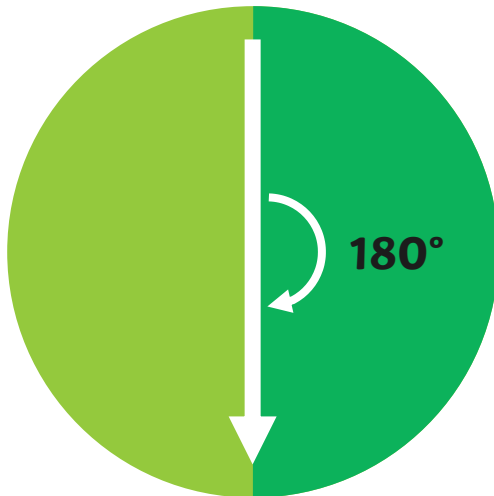
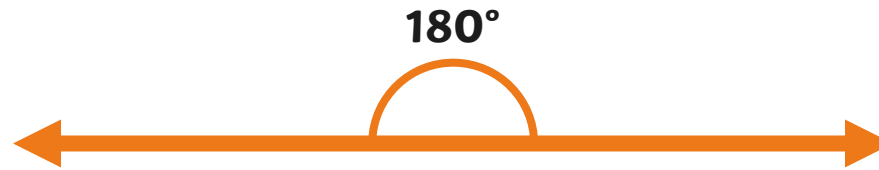
- I can recognise angles on a straight line and find missing angles.

Success Criteria

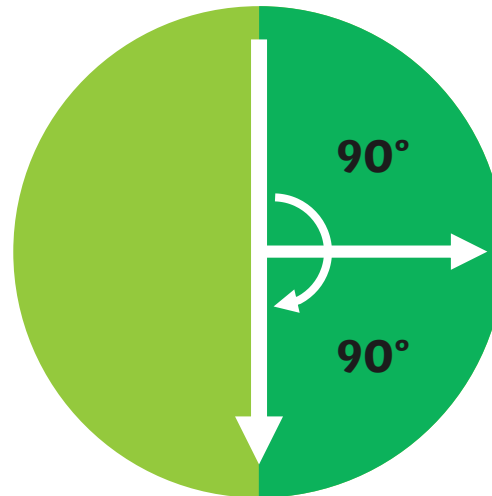
- I know that angles on a straight line total 180° .
- I can find missing angles on a straight line.

Angles on a Straight Line

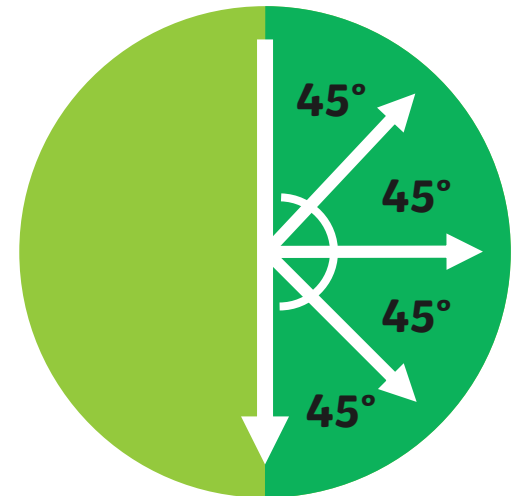
A straight angle measures 180° .



180° is also a half turn.



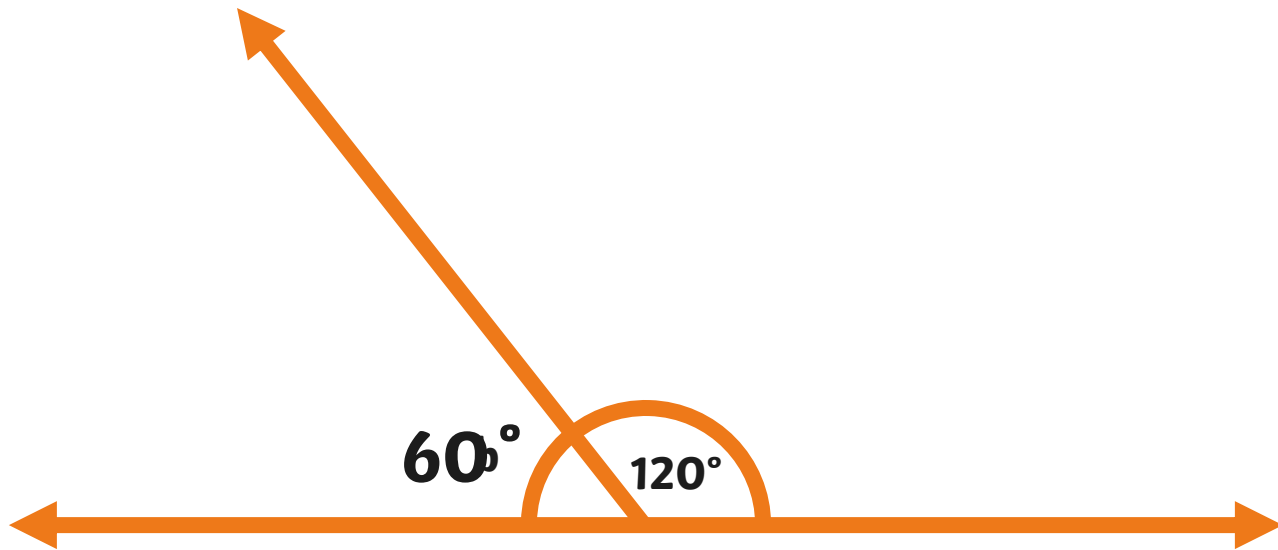
180° contains two 90° right angles.



180° contains four 45° angles.

Angles on a Straight Line

We can use these the known fact that angles on a straight line total 180° to help us calculate missing angles.

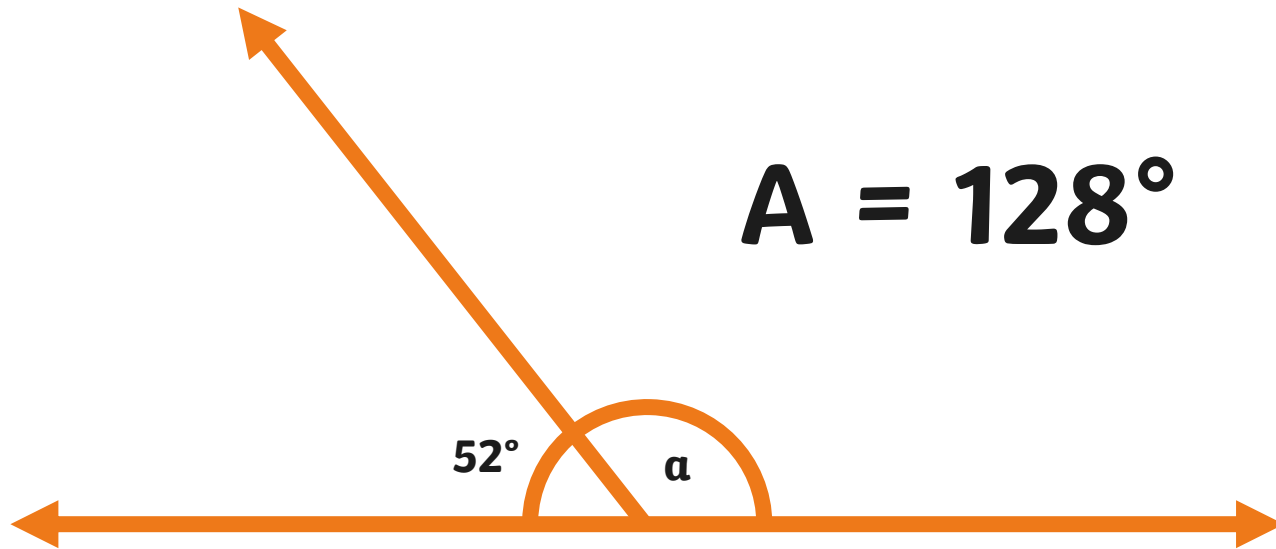


$$180^\circ - 120^\circ = 60^\circ$$



Angle Calculations

$$A = 128^\circ$$

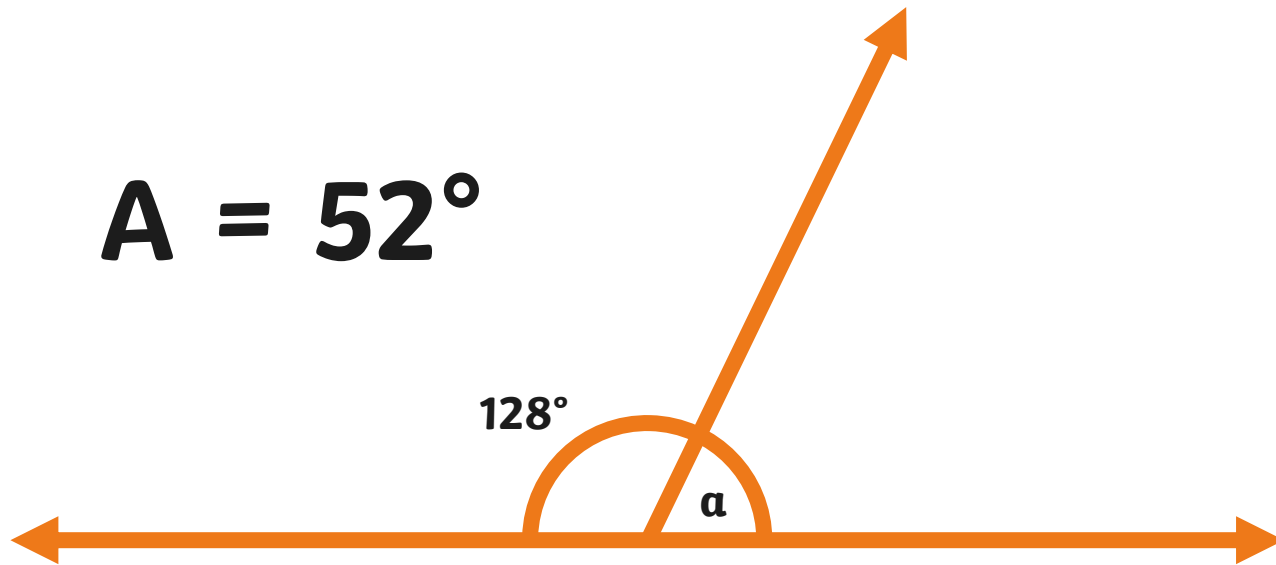


$$A = 118^\circ$$



Angle Calculations

$$A = 52^\circ$$

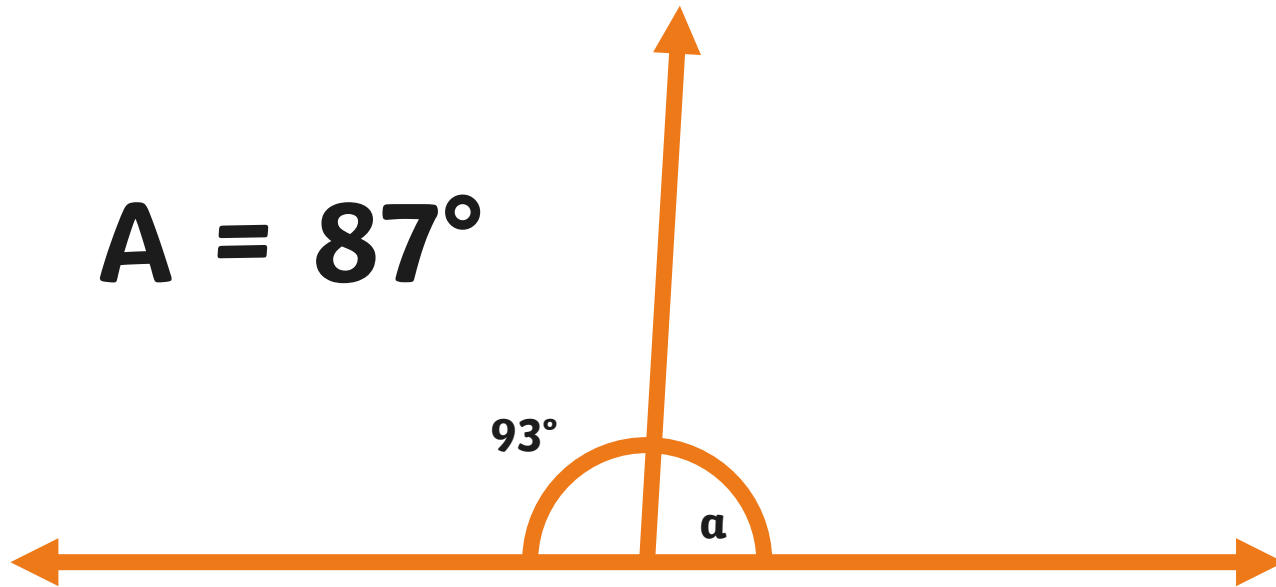


$$A = 42^\circ$$



Angle Calculations

$$A = 87^\circ$$



$$A = 87^\circ$$



Angle Calculations

$$A = 32^\circ$$

