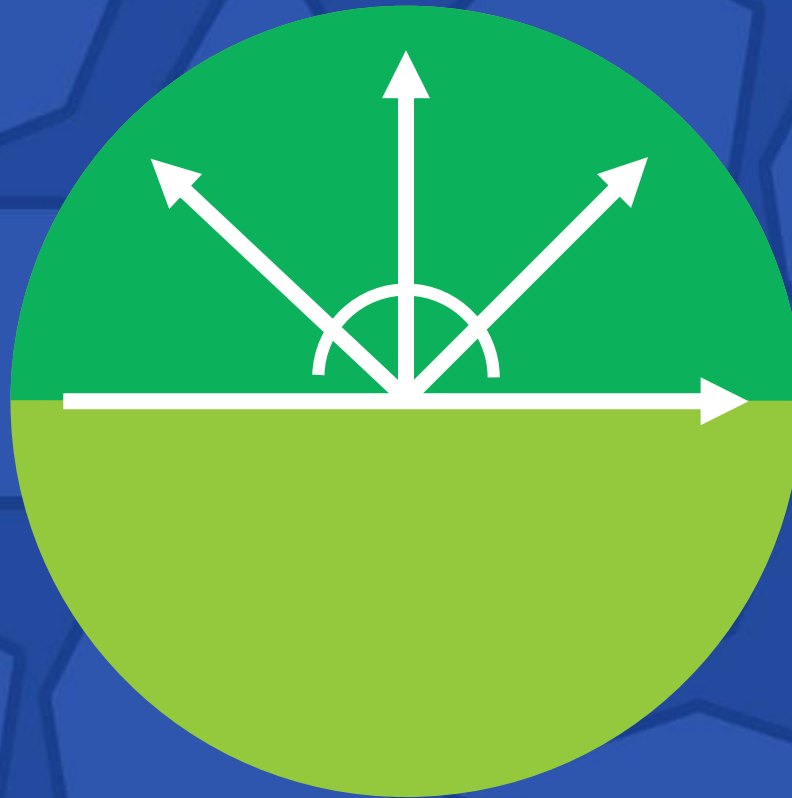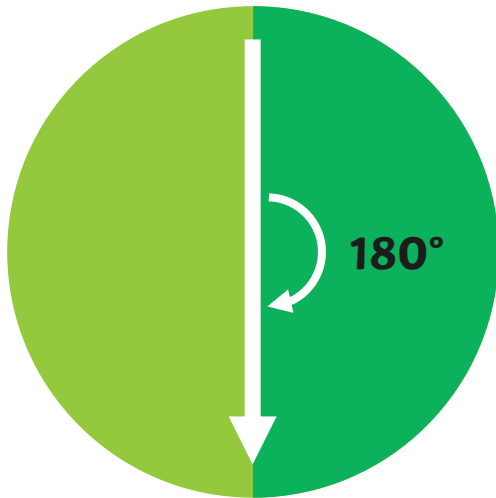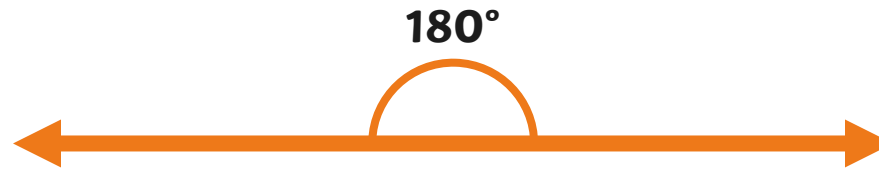# Angles on a Straight Line

Aim

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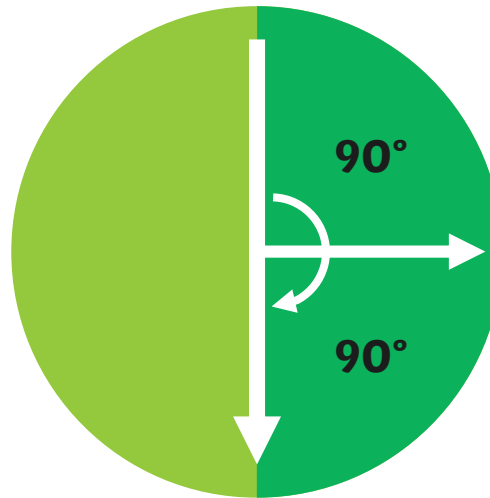
Success Criteria

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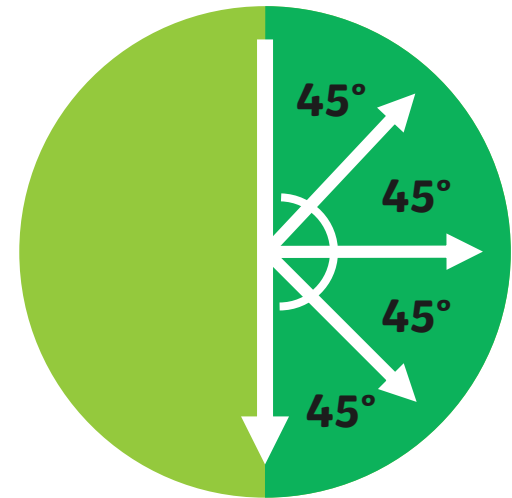
Angles on a Straight Line

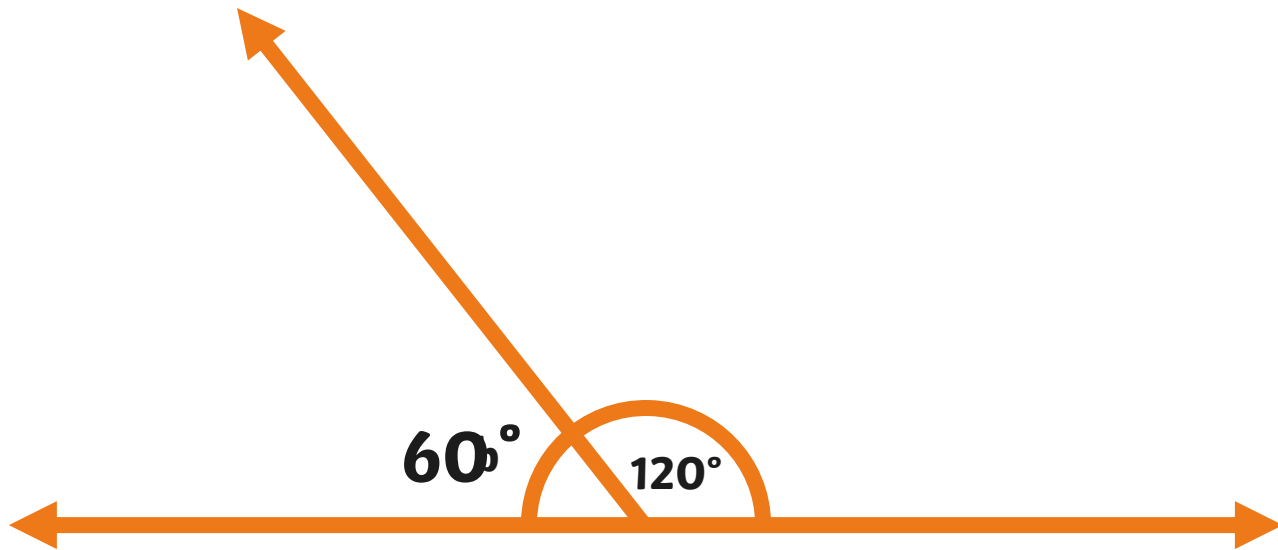A straight angle measures 180°.

180°

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.
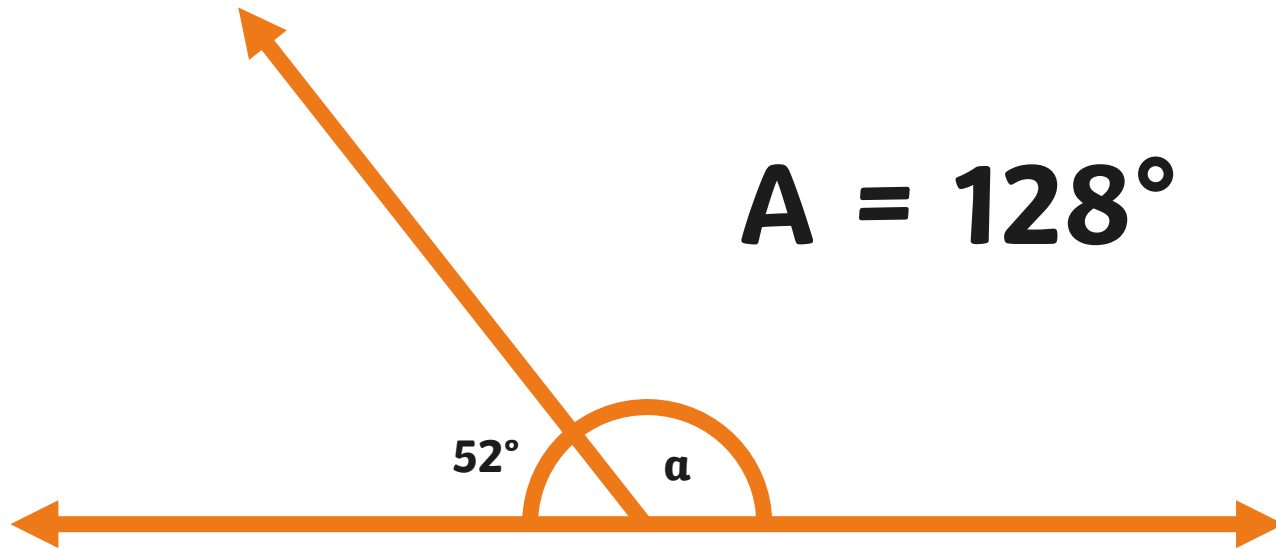
60° 120°

180° - 120° = 60°

twinkl.co.uk

Angle Calculations

A = 128°

52°   α

A = 118°

Angle Calculations

A = 52°

128°

a
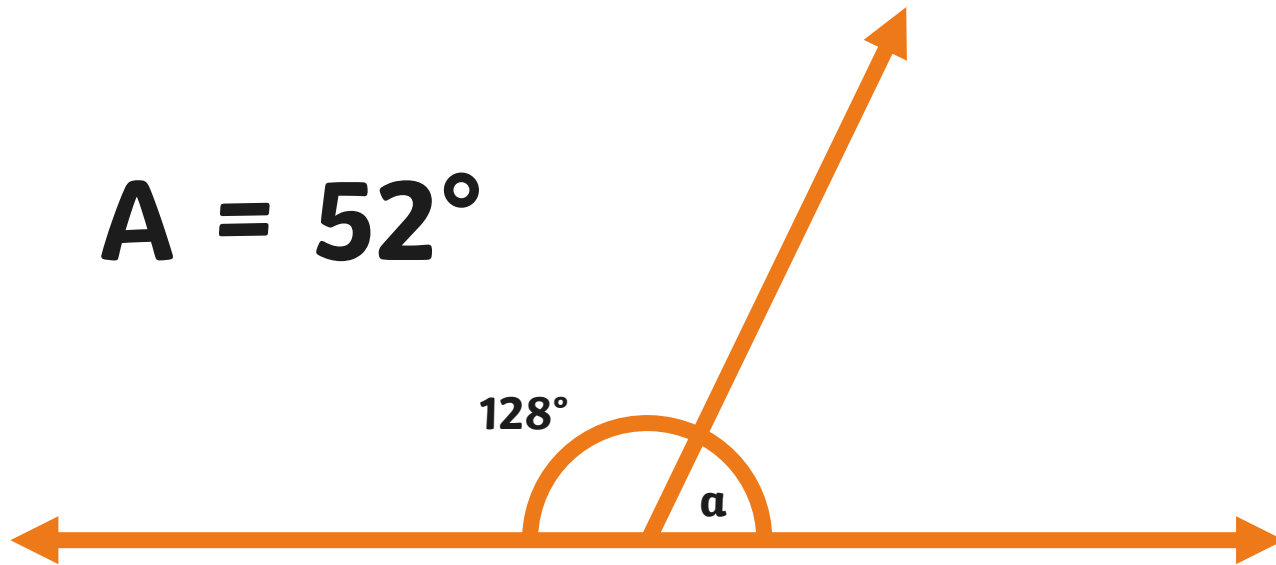
A = 42°

Angle Calculations

A = 87°

93°

a

A = 87°

Angle Calculations

A = 32°

148°   a

A = 22°