

# Year 5 Measuring with a Protractor – Guidance for Parents/Carers

## Activity:

The aim of this activity is for children to practise measuring with a protractor. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

A protractor is required to complete this worksheet.

## Vocabulary:

An **angle** is when two edges of a shape meet or intersect.

An **acute angle** is an angle that is less than 90 degrees (a right angle).

An **obtuse angle** is an angle that is greater than 90 degrees but less than 180 degrees.

## Supporting resources:

You can watch a video tutorial about measuring with a protractor on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> Year 5 >> Maths >> Properties of Shapes >> Video Tutorials.

## Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on [classroomsecrets.co.uk/membership](https://classroomsecrets.co.uk/membership).

**Check out our daily timetable for Year 5 home learning activities on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> Home Learning Timetable.**

## Measuring with a Protractor

1.  $A = 65^\circ$ ,  $B = 15^\circ$ ,  $C = 75^\circ$ ,  $D = 35^\circ$
2.  $A = 130^\circ$ ,  $B = 97^\circ$ ,  $C = 73^\circ$ ,  $D = 100^\circ$
3. Various answers, for example: Naomi is correct. Hadassah did not line up the zero with the base line on the protractor. Therefore, his answers were not quite accurate.