

Measuring with a Protractor (2)

Notes and Guidance

Children continue to learn how to use a protractor and focus on measuring obtuse angles.

They use their knowledge of right angles to help estimate the size of obtuse angles e.g. “It’s just over a right angle, so about 100° .”

Children need to develop their understanding of using both the inside and outside scales of the protractor, and need to be taught how to decide which to use.

Mathematical Talk

How do you know an angle is obtuse?

Can you see where obtuse angles would be measured on the protractor?

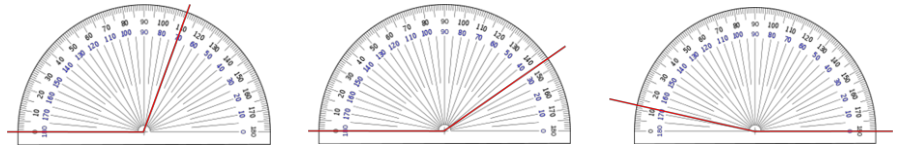
Can you estimate the size of this angle?

What is the size of the angle? What mistake might someone make?

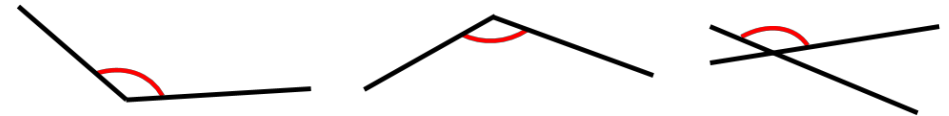
Where will you place your protractor first?

Varied Fluency

Measure the angles shown on the protractors.



Estimate the size of the angles and then use a protractor to measure them to the nearest degree.



Identify obtuse angles in the image. Estimate the size of the angles, and then measure them?

