

Sheet 10: Sorting Angles

Worked example:

An angle less than 90 degrees is called an acute angle. Look at the corner of a square; it is exactly 90 degrees and is called a right angle.

Answer: Acute $< 90^\circ$, Right = 90° , Obtuse $> 90^\circ$ but $< 180^\circ$, Reflex $> 180^\circ$.

- **Look at these angles and write if they are acute, right, obtuse, or reflex.**

An angle of 45 degrees: An angle of 90 degrees: An angle of 120 degrees: An angle of 200 degrees:

- **Circle the obtuse angles in this list.**

10 degrees 95 degrees 170 degrees 89 degrees 110 degrees

- **Complete the sentences using the words: acute, right, obtuse, reflex.**

A turn that is more than a half-turn (180 degrees) is a _____ angle. A corner of a book page is a _____ angle. Any angle smaller than a right angle is an _____ angle.

Self-check: Check your answers: acute angles are smaller than square corners, obtuse angles are wider than square corners, and reflex angles are wider than a straight line.

Ready for next: Once you can name these four types of angles by looking at them, you are ready to use a protractor to measure them exactly.