

Name _____

Date _____

Unit 5 · Angles and constructions — glossary

All 21 key words, with a worked example for each.

Term	Meaning	Example
angle	A measure of turn, given in degrees.	<i>A right angle is 90°.</i>
degree	The unit for measuring angles.	<i>A full turn is 360°.</i>
acute angle	An angle less than 90° .	<i>35° is acute.</i>
right angle	An angle of exactly 90° .	<i>The corner of a square is a right angle.</i>
obtuse angle	An angle between 90° and 180° .	<i>128° is obtuse.</i>
reflex angle	An angle greater than 180° .	<i>250° is reflex.</i>
intersecting lines	Lines that cross each other.	<i>Two roads that cross.</i>
vertically opposite angles	The angles opposite each other where two lines cross.	<i>They are always equal.</i>
perpendicular	Meeting at a right angle.	<i>The bars of a window frame.</i>
parallel	Always the same distance apart, never meeting.	<i>Railway tracks.</i>
transversal	A line that crosses a pair of parallel lines.	<i>It creates equal corresponding angles.</i>
corresponding angles	Angles in matching positions on parallel lines, in an F shape.	<i>They are equal.</i>
alternate angles	Angles on opposite sides of a transversal, in a Z shape.	<i>They are equal.</i>
protractor	The instrument used to measure and draw angles.	<i>It is marked from 0° to 180°.</i>
quadrilateral	A shape with four straight sides.	<i>Its angles total 360°.</i>
square	Four equal sides and four right angles.	<i>Every square is a rectangle.</i>
rectangle	Four right angles, opposite sides equal.	<i>A door is a rectangle.</i>
rhombus	Four equal sides, opposite angles equal.	<i>A diamond shape.</i>
parallelogram	Two pairs of parallel sides.	<i>Opposite angles are equal.</i>

Term	Meaning	Example
trapezium	Exactly one pair of parallel sides.	<i>A ramp seen from the side.</i>
kite	Two pairs of equal sides next to each other.	<i>It has one line of symmetry.</i>