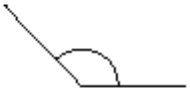
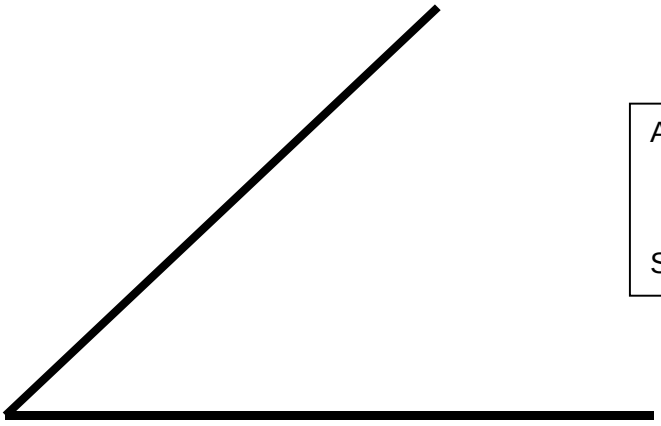
Angles for L1-2 Functional Maths

Name _____ Date _____

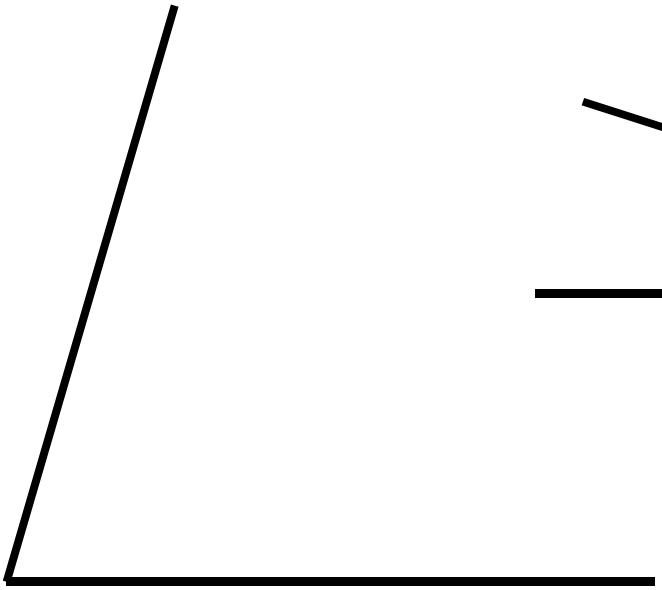
Acute angle	*Right angle*	*Obtuse angle*	*Straight line*	*Reflex angle*	*Complete turn*
less than 90°	= 90°	between 90° and 180°	= 180°	greater than 180°	= 360°
					

Accurately measure the angle and state the type of angle it is.



Angle 1

Size……..



Angle 2

Size……..

Angle 3

Size……..

Angles for L1-2 Functional Maths

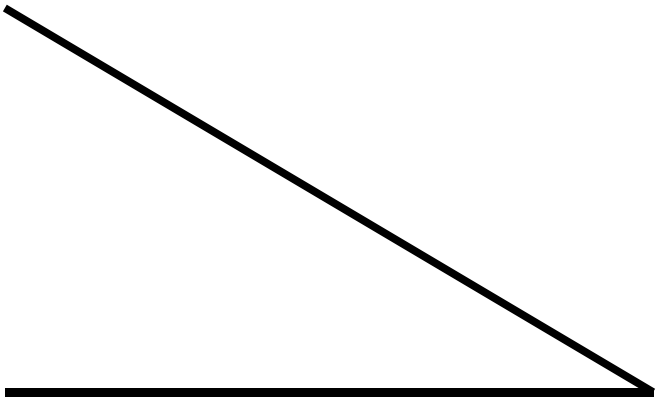
Name _____ Date _____

Angle 4

Size……..

Angle 5

Size……..

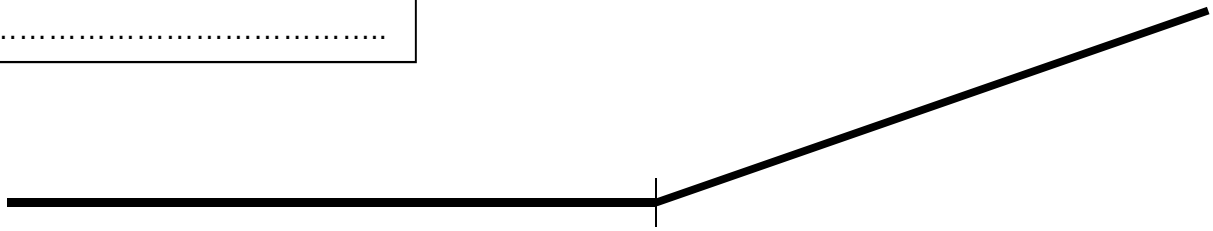


Angle 6

Size……..

Angle 7

Size……..



Angles for L1-2 Functional Maths

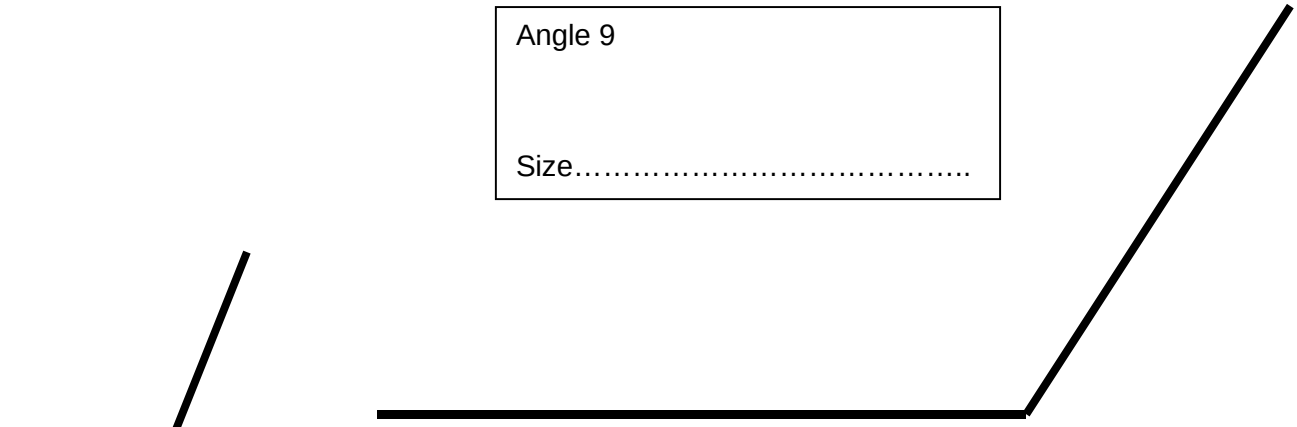
Name _____ Date _____

Angle 8

Size……..

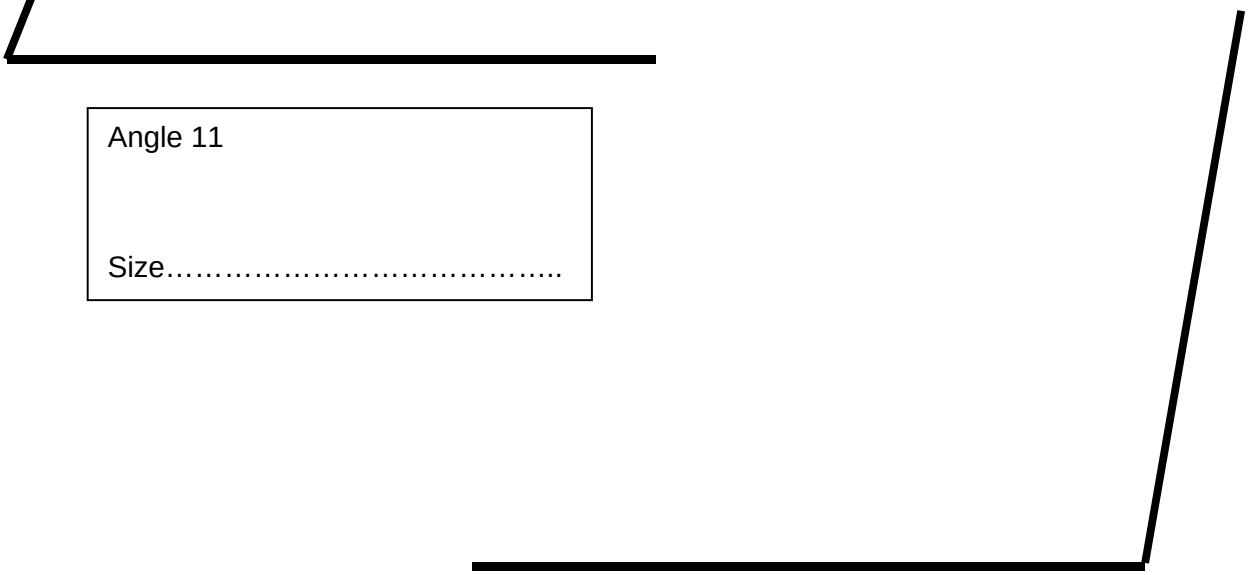
Angle 9

Size……..



Angle 10

Size……..



Angle 11

Size……..

Angles for L1-2 Functional Maths

Name _____ Date _____

Key words from this session:

- Point
- Angle
- Vertex
- Degrees
- Arms (of the angle)
- Size (of an angle)
- Degrees
- Protractor
- Inner scale
- Outer scale
- Acute angle
- Right angle
- Obtuse angle
- Straight line angle
- Reflex angle
- Perigon
- Revolution

Angles for L1-2 Functional Maths Curriculum mapping and answers

Subject content – Reformed FUNCTIONAL SKILLS MATHEMATICS 2018

(takes effect from September 2019)

✓ indicates main **content** and **problem-solving skill(s)** covered in this resource, although these will vary with the student group and how the resource is used by the teacher. ✓✓ = key learning objective. → or ← = not covered but included to show progression across levels (*content at each level subsumes and builds upon the content at lower levels).* Full content (including Number and Data – only Measures are listed here) at: DfE (2018) https://www.gov.uk/government/publications/functional-skills-subject-content-mathematics

1. Fundamental mathematical knowledge and skills These must be demonstrated **in their own right**, **both with and without a calculator**, in addition to being used to solve problems or complete tasks.

Entry Level 3	Level 1	Level 2
Using common measures, shape and space (MSS)		
E3.10 Calculate with money using decimal notation & express money correctly in writing in pounds and pence E3.11 Round amounts of money to the nearest £1 or 10p E3.12 Read, measure and record time using am and pm E3.13 Read time from analogue and 24 hour digital clocks in hours and minutes E3.14 Use and compare measures of length, capacity, weight and temperature using metric or imperial units to the nearest labelled or unlabelled division E3.15 Compare metric measures of length including millimetres, centimetres, metres and kilometres E3.16 Compare measures of weight including grams and kilograms E3.17 Compare measures of capacity including millilitres and litres E3.18 Use a suitable instrument to measure mass and length E3.19 Sort 2-D and 3-D shapes using properties including lines of symmetry, length, right angles, angles including in rectangles and triangles E3.20 Use appropriate positional vocabulary to describe position and direction including the eight compass points and including full/half/quarter turns →	L1.18 Calculate simple interest in multiples of 5% on amounts of money L1.19 Calculate discounts in multiples of 5% on amounts of money L1.20 Convert between units of length, weight, capacity, money and time, in the same system L1.21 Recognise and make use of simple scales on maps and drawings L1.22 Calculate area and perimeter of simple shapes including those that are made up of a combination of rectangles L1.23 Calculate the volumes of cubes and cuboids L1.24 Draw 2-D shapes and demonstrate an understanding of line symmetry & knowledge of the relative size of angles L1.25 Interpret plans, elevations and nets of simple 3-D shapes L1.26 Use angles when describing position and direction, and measure angles in degrees ✓✓	L2.13 Calculate amounts of money, compound interest, percentage increases, decreases and discounts including tax and simple budgeting L2.14 Convert between metric and imperial units of length, weight and capacity using a a) conversion factor and b) conversion graph L2.15 Calculate using compound measures including speed, density and rates of pay L2.16 Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles and circles) L2.17 Use formulae to find volumes and surface areas of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders) L2.18 Calculate actual dimensions from scale drawings and create a scale diagram given actual measurements L2.19 Use coordinates in 2-D, positive & negative, to specify the positions of points L2.20 Understand and use common 2-D representations of 3-D objects L2.21 Draw 3-D shapes to include plans and elevations L2.22 Calculate values of angles and/or coordinates with 2-D and 3-D shapes ←