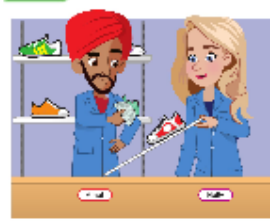
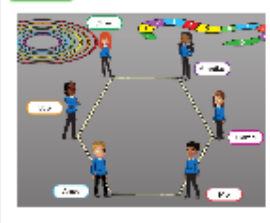
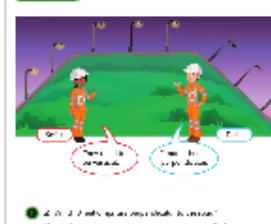
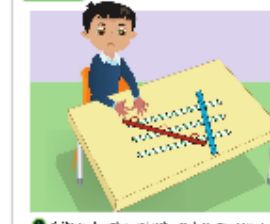


Year 5 Unit 12 Geometry – Properties of Shapes

Unit 12 Geometry – properties of shapes  Not all angles are the same size. Some are bigger than others. We call them acute angles. Some are smaller than others. We call them obtuse angles. Some are exactly the same size. We call them right angles. Some are bigger than a right angle. We call them reflex angles. As you can see, angles are all around us. They are everywhere. They are in the shape of the things we see every day.	Understand and use degrees Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Measure acute angles Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Measure angles up to 180° Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Draw lines and angles accurately Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Calculate angles around a point Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?
Starter Pages 6-7	1. Understand and use degrees Pages 8-11	2. Measure acute angles Pages 12-15	3. Measure angles up to 180° Pages 16-19	4. Draw lines and angles accurately Pages 20-23	5. Calculate angles around a point Pages 24-27
Calculate angles on a straight line Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Lengths and angles in shapes Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Regular and irregular polygons Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Parallel lines Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Perpendicular lines Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?	Investigate lines Discover  1. How many degrees are there in a full circle? 2. How many degrees are there in a straight line?
6. Calculate angles on a straight line Pages 28-31	7. Lengths and angles in shapes Pages 32-35	8. Regular and irregular polygons Pages 36-39	9. Parallel lines Pages 40-43	10. Perpendicular lines Pages 44-47	11. Investigate lines Pages 48-51