




# ANSWERS



Maths Focus: Names and Properties of 2D and 3D shapes

Helpful Hints: once you think you know what the shapes are, go through the clues again to check that they match the properties

Level 1	Level 2	Level 3
<p>Elliot had 3 coloured shapes hidden inside a bag. He gives some clues about each shape.</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: center;"> <div style="background-color: #ff6b6b; padding: 5px; margin-bottom: 5px;"> <p>It is a 2D shape It has 4 sides Its sides are the same length It has a 'q' in its name</p> </div> <div style="background-color: #76d7c4; padding: 5px; margin-bottom: 5px;"> <p>It is a 2D shape It has one side Its side is curved</p> </div> <div style="background-color: #ffeb3b; padding: 5px;"> <p>It is a 3D shape It has 6 faces All the faces are squares</p> </div> </div> </div> <ol style="list-style-type: none"> <li>1. What is the name of the red shape? <b>Square</b></li> <li>2. What is the name of the green shape? <b>Circle</b></li> <li>3. What is the name of the yellow shape? <b>Cube</b></li> </ol>	<p>Elliot had 3 coloured shapes hidden inside a bag. He gives some clues about each shape.</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: center;"> <div style="background-color: #ff6b6b; padding: 5px; margin-bottom: 5px;"> <p>It is a 3D shape It has two faces One face is a circle It has an apex</p> </div> <div style="background-color: #76d7c4; padding: 5px; margin-bottom: 5px;"> <p>It is a 2D shape It is a quadrilateral It has only one line of symmetry Its name has an even number of letters</p> </div> <div style="background-color: #ffeb3b; padding: 5px;"> <p>It is a 3D shape It has 1 face and 1 curved surface</p> </div> </div> </div> <ol style="list-style-type: none"> <li>1. What is the name of the red shape? <b>Cone</b></li> <li>2. What is the name of the green shape? <b>Kite</b></li> <li>3. What is the name of the yellow shape? <b>Hemisphere</b></li> </ol>	<p>Elliot had 3 coloured shapes hidden inside a bag. He gives some clues about each shape.</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="text-align: center;"> <div style="background-color: #ff6b6b; padding: 5px; margin-bottom: 5px;"> <p>It is a 2D shape It has no perpendicular sides It has <i>two pairs</i> of parallel sides All its sides are the same length</p> </div> <div style="background-color: #76d7c4; padding: 5px; margin-bottom: 5px;"> <p>It is a 3D shape It has 4 vertices All its faces are all the same shape</p> </div> <div style="background-color: #ffeb3b; padding: 5px;"> <p>It is a 3D shape It has 10 faces 8 of these faces are rectangles</p> </div> </div> </div> <ol style="list-style-type: none"> <li>1. What is the name of the red shape? <b>Rhombus</b></li> <li>2. What is the name of the green shape? <b>Tetrahedron (Triangular based pyramid)</b></li> <li>3. What is the name of the yellow shape? <b>Octagonal prism</b></li> </ol>