

Maths Workout - Geometry & Measures

Topic 7 - Solids				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Identify the number of faces, edges and vertices on a range of solids</i>	<i>Identify the number of faces, edges and vertices on a range of solids</i>	<i>Identify the number of faces, edges and vertices on a range of solids</i>	<i>Identify the number of faces, edges and vertices on a range of solids</i> <i>Investigate Euler's formula</i>	<i>Solve problems and puzzles with solids</i>
1. Observe a range of solids	Tasks 1-10. Enter the number of vertices, edges and faces for a... 1. Cube	Tasks 1-7. Enter the number of vertices, edges and faces for a... 1. Hexahedron	Tasks 1-8. Enter the number of vertices, edges and faces for a... 1. Decagonal prism	1. Problem Solving: Recognise the nets of a cube
2. Observe a range of solids; click to see a close-up and name	2. Cuboid	2. Octahedron	2. Dodecagonal prism	2. Engage with the 11 nets of a cube; observe them fold up
3. Identify the names of solids	3. Triangular prism	3. Octagonal-based pyramid	3. Dodecagonal prism	3. Distinguish between a proper net and a false net
4. Identify the names of solids	4. Triangular-based pyramid	4. Decagonal-based pyramid	4. Cone	4. Distinguish between a proper net and a false net
5. Identify the names of solids	5. Tetrahedron	5. Dodecagonal-based pyramid	5. Cylinder	5. Name a solid from its net
	6. Square-based pyramid	6. Hexagonal prism	6. Dodecahedron	6. Problem Solving: Recognise a solid from a limited view
	7. Pentagonal-based pyramid	7. Octagonal prism	7. Icosahedron	7. Problem Solving: Recognise a solid from clues
	8. Pentagonal-based prism		8. Investigate Euler's formula	
	9. Hexagonal-based pyramid			
	10. Hexagonal-based prism			