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| **Topic/Skill**  | **Definition/Tips** | **Example****Topic: 2D Representations of 3D Shapes**  |
| 1. Net | A pattern that you can **cut and fold** to make a **model** of a **3D shape**. | Image result |
| 2. Properties of Solids | **Faces = flat surfaces****Edges = sides/lengths****Vertices = corners** | A cube has 6 faces, 12 edges and 8 vertices.Image result for cube |
| 3. Plans and Elevations | This takes 3D drawings and produces 2D drawings.**Plan View**: from **above****Side Elevation**: from the **side****Front Elevation**: from the **front** |  |
| 4. Isometric Drawing | A method for visually **representing 3D objects in 2D**. | Image result for math definition isometric drawing |

**Knowledge Organiser**