

Popstick 3D Shapes

Challenge Cards



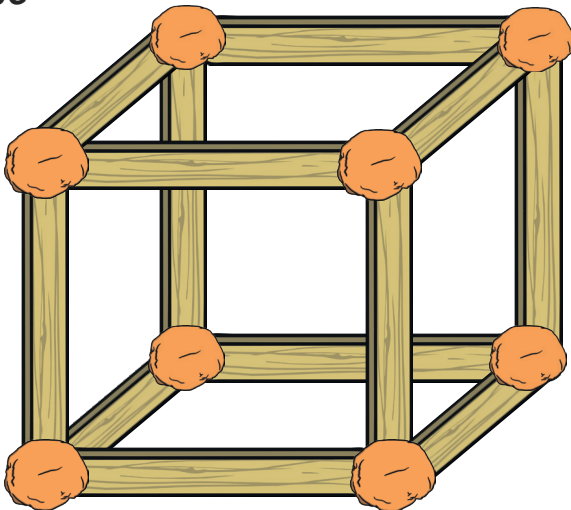
Popstick 3D Shapes Challenge Cards

Use popsticks, toothpicks or matchsticks to make these 3D shapes. If you have some playdough or sticky tack, you can use it to stick your corners together.

How many faces, edges and vertices can you see on each shape?

Popstick 3D Shapes Challenge Cards

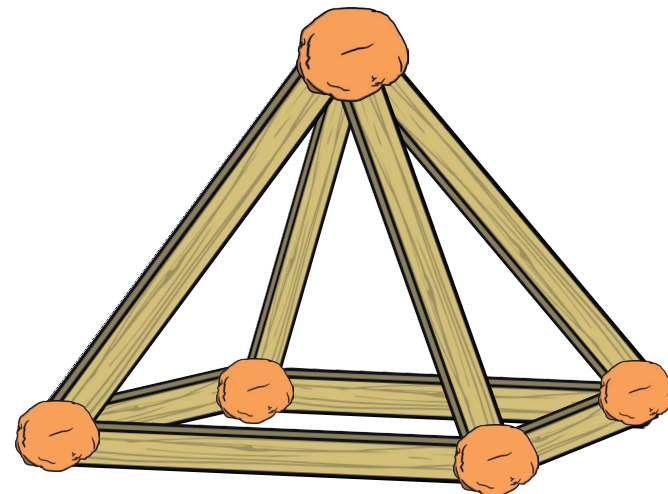
cube



_____ faces
_____ edges
_____ vertices

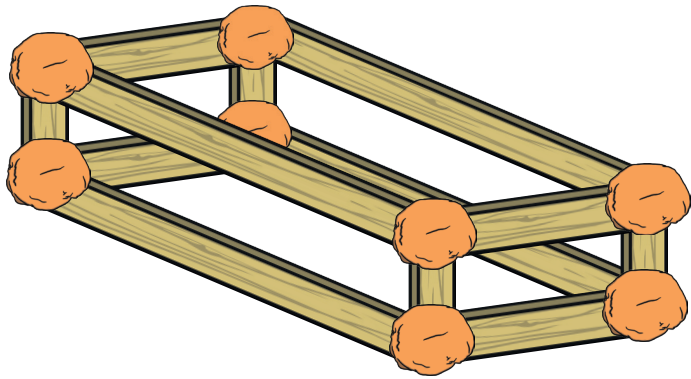
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square-based pyramid



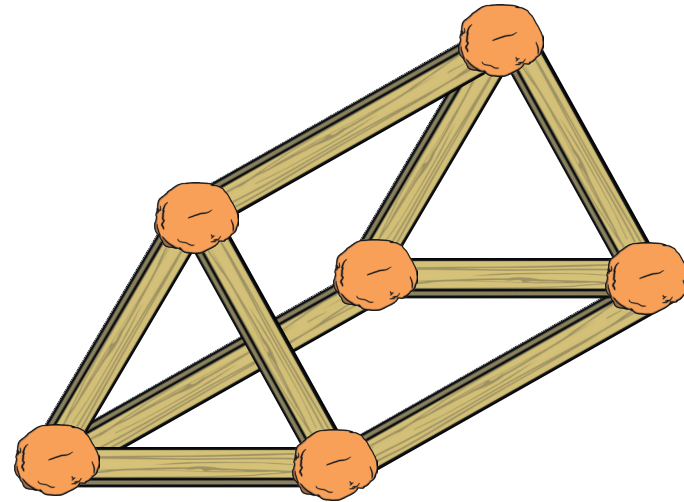
_____ faces
_____ edges
_____ vertices

cuboid



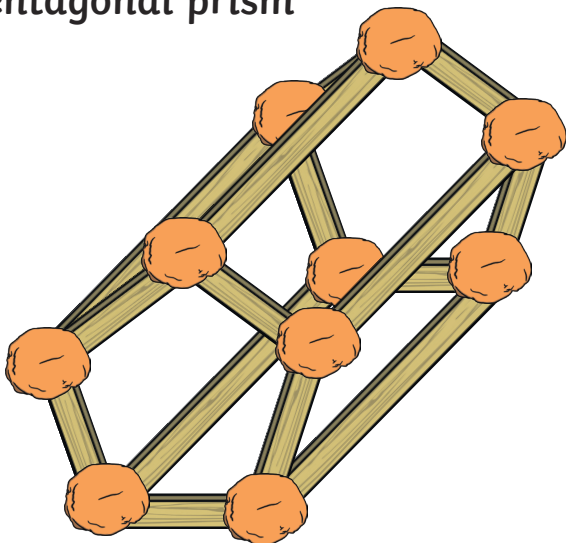
_____ faces
_____ edges
_____ vertices

triangular prism



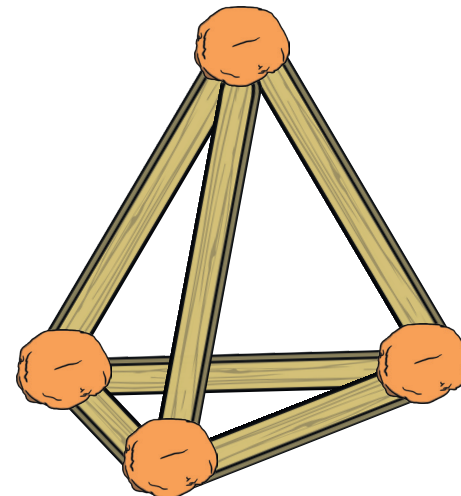
_____ faces
_____ edges
_____ vertices

pentagonal prism



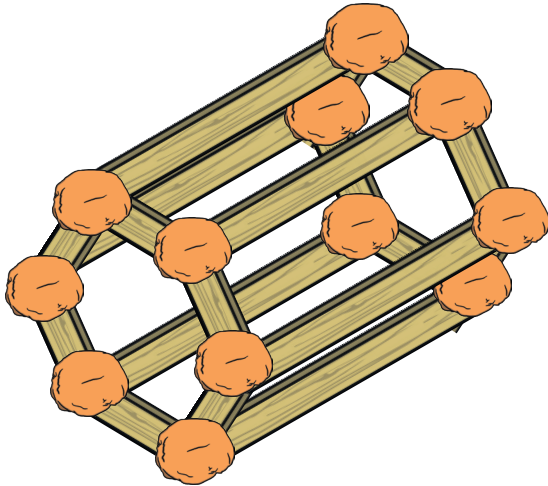
_____ faces
_____ edges
_____ vertices

tetrahedron



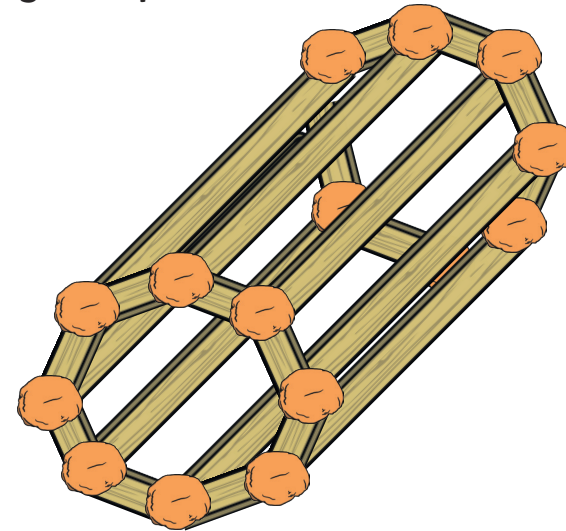
_____ faces
_____ edges
_____ vertices

hexagonal prism



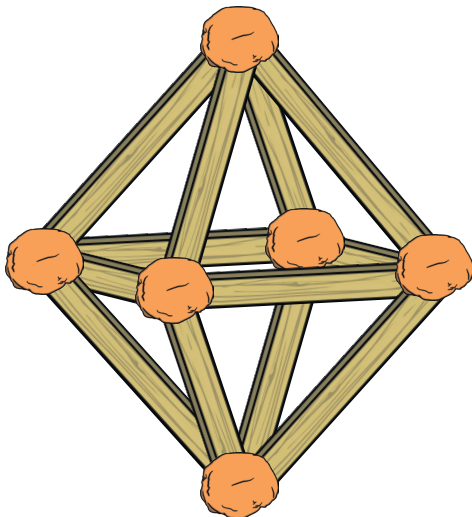
_____ faces
_____ edges
_____ vertices

octagonal prism



_____ faces
_____ edges
_____ vertices

octahedron



_____ faces
_____ edges
_____ vertices