

# Popstick 3D Shapes

## Challenge Cards



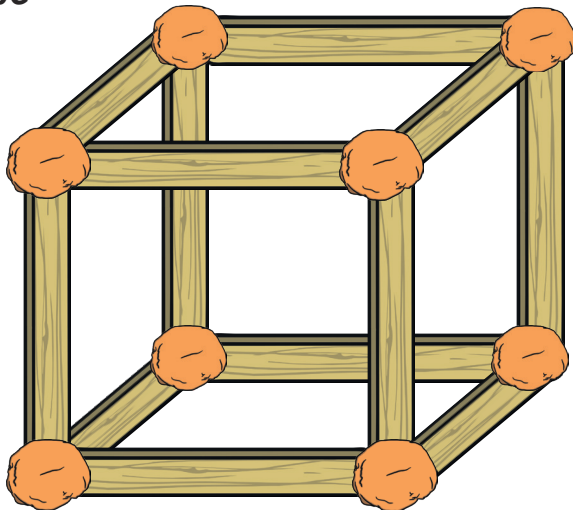
### Popstick 3D Shapes Challenge Cards

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

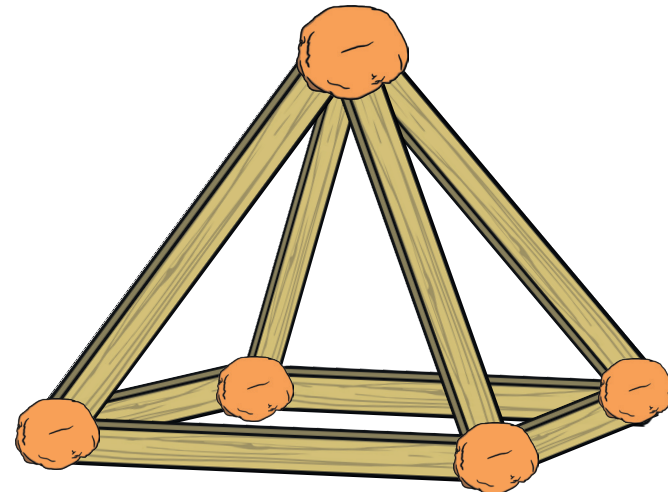
**cube**



\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

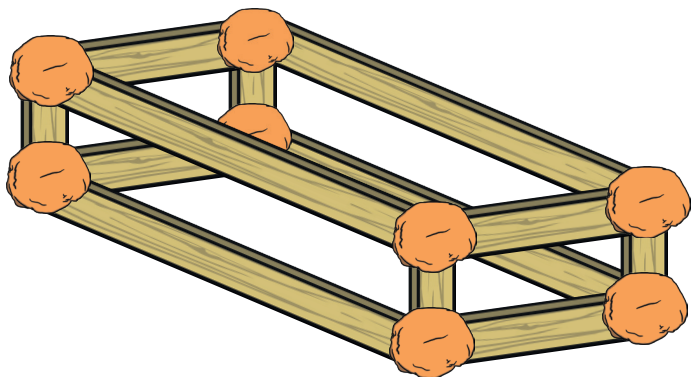
### Popstick 3D Shapes Challenge Cards

**square-based pyramid**



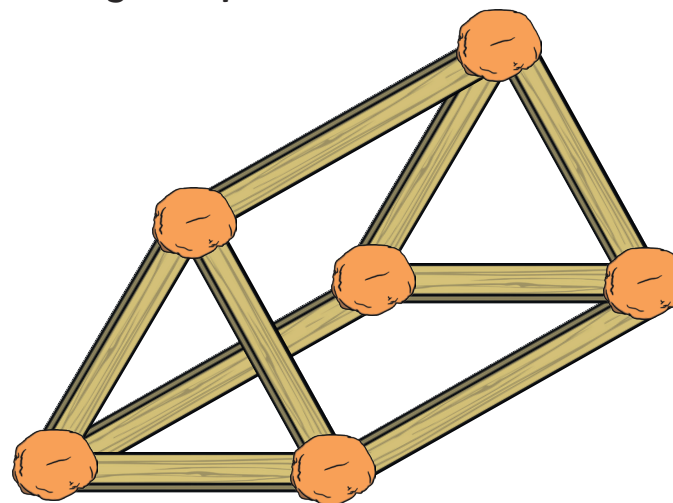
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

### cuboid



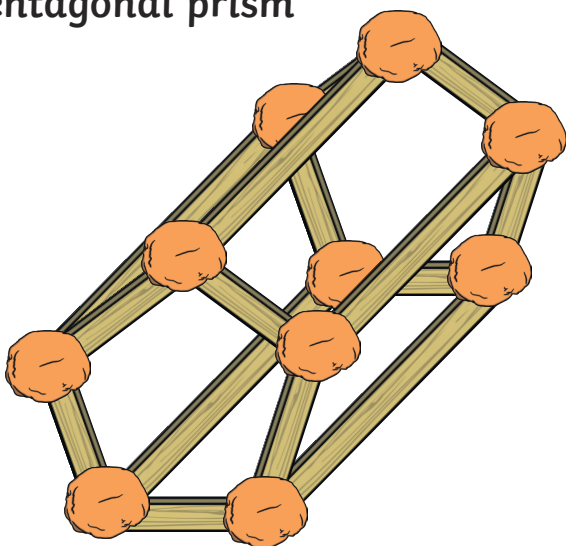
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

### triangular prism



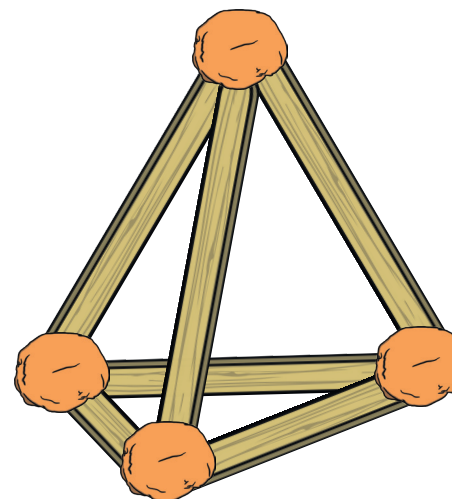
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

### pentagonal prism



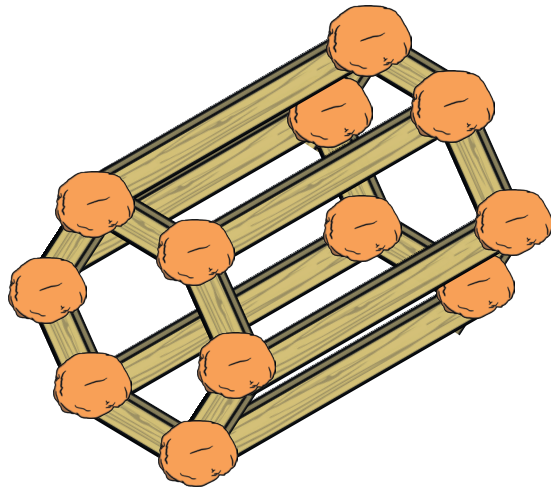
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

### tetrahedron



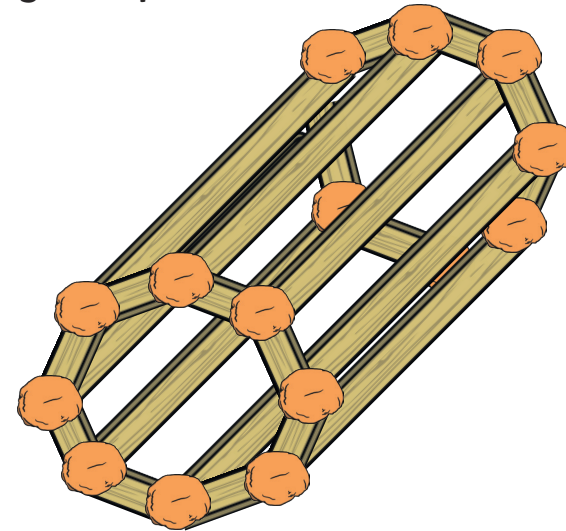
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

## hexagonal prism



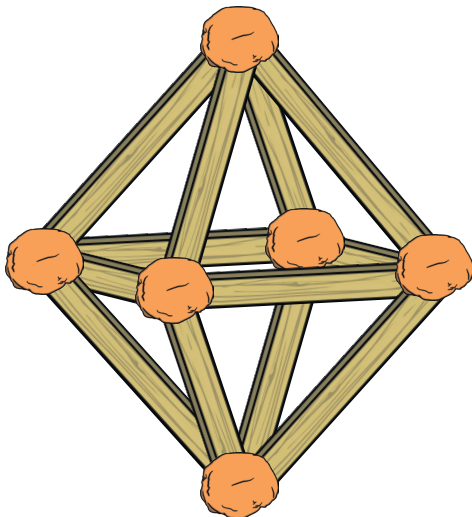
\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

## octagonal prism



\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices

## octahedron



\_\_\_\_\_ faces  
\_\_\_\_\_ edges  
\_\_\_\_\_ vertices