

KS1 Maths Quiz - Year 1 Shapes - 3D (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 5 and 6 in year 1. Specifically this quiz is aimed at the section dealing with recognising and naming common 3-D shapes.

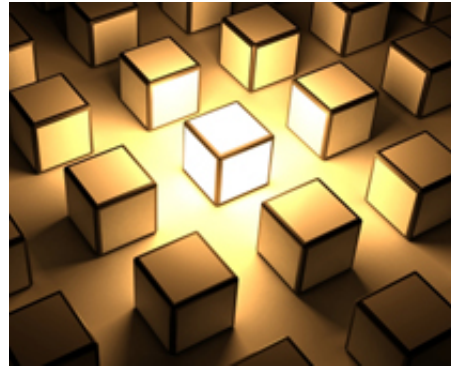
Year 1 children will learn to recognise and name basic and common 3-D shapes such as cuboids, pyramids and spheres. They will use 3-dimensional shapes when building and be encouraged to recognise, spot and name these common shapes in the real world.

1. Why are balls used in sports usually spheres?



- They look better
- Their shape means they roll and bounce well
- It's a popular shape
- So they can be stored easily

2. A cube is also a...



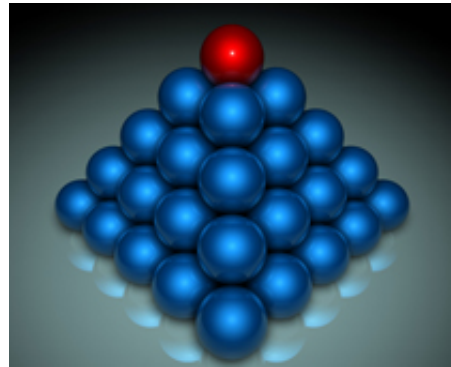
- Square
- Pyramid
- Sphere
- Cuboid

3. These are called sugar...



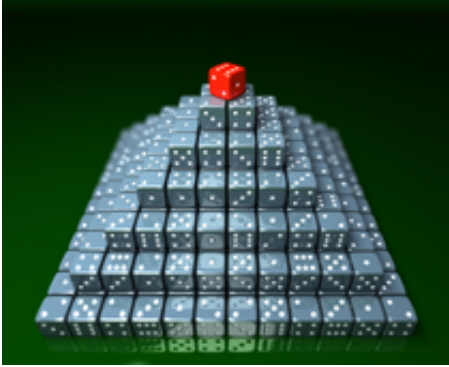
- Spheres
- Squares
- Pyramids
- Cubes

4. This is a _____ made up of _____.



- Pyramid, cubes
- Pyramid, oblongs
- Triangle, circles
- Pyramid, spheres

5. This is a _____ made up of _____.



- Triangle, squares
- Tower, circles
- Pyramid, spheres
- Pyramid, cubes

6. This shape is a...



- Pyramid
- Cuboid
- Cube
- Sphere

7. This shape is a...



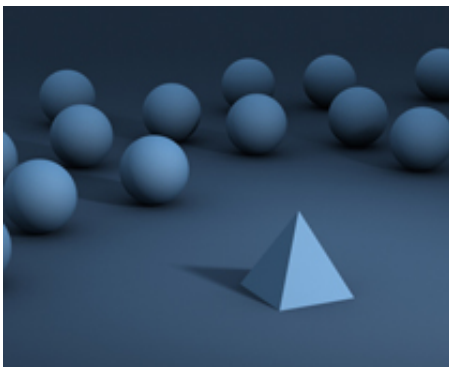
- Square
- Pyramid
- Sphere
- Cube

8. These boxes are all...



- Squares
- Cuboids
- Spheres
- Pyramids

9. There are lots of _____ and 1 _____ in this picture.



- Spheres, pyramid
- Circles, triangle
- Spheres, cuboid
- Spheres, triangle

10. This is a _____ made up from _____.



- Square, circles
- Cuboid, spheres
- Cuboid, pyramids
- Square, spheres

KS1 Maths Quiz - Year 1 Shapes - 3D (Answers)

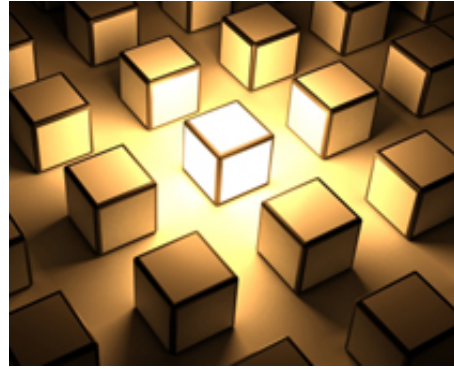
1. Why are balls used in sports usually spheres?



- They look better
- Their shape means they roll and bounce well
- It's a popular shape
- So they can be stored easily

A sphere rolls well and bounces evenly

2. A cube is also a...



- Square
- Pyramid
- Sphere
- Cuboid

Cuboids have 6 faces and 12 edges

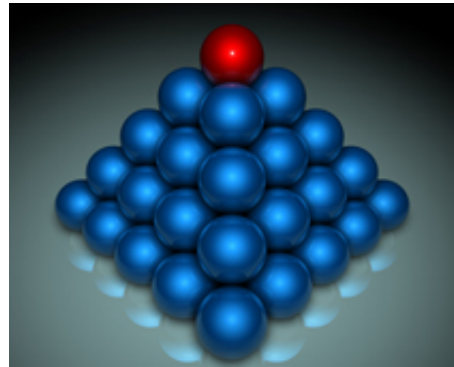
3. These are called sugar...



- Spheres
- Squares
- Pyramids
- Cubes

Sugar cubes stack well inside a box!

4. This is a _____ made up of _____.



- Pyramid, cubes
- Pyramid, oblongs
- Triangle, circles
- Pyramid, spheres

This pyramid is made from spheres stacked in layers

5. This is a _____ made up of _____.



- Triangle, squares
- Tower, circles
- Pyramid, spheres
- Pyramid, cubes

The dice are cubes and are stacked up in a pyramid formation

6. This shape is a...



- Pyramid
- Cuboid
- Cube
- Sphere

The ball is completely round and is a sphere

7. This shape is a...



- Square
- Pyramid
- Sphere
- Cube

All its sides and faces are equal

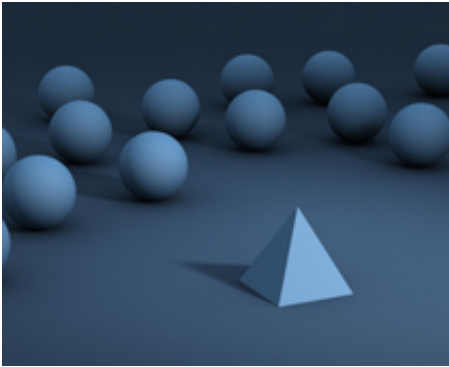
8. These boxes are all...



- Squares
- Cuboids
- Spheres
- Pyramids

Although they are different shapes and sizes, they are all cuboids

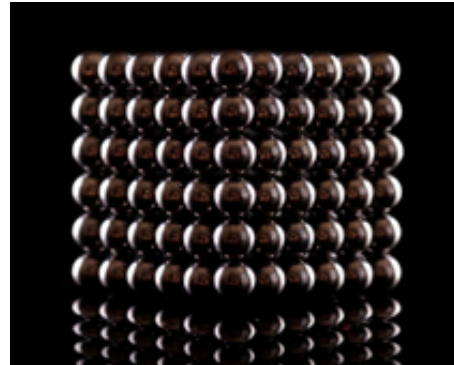
9. There are lots of _____ and 1 _____ in this picture.



- Spheres, pyramid
- Circles, triangle
- Spheres, cuboid
- Spheres, triangle

There are several spheres but only one pyramid

10. This is a _____ made up from _____.



- Square, circles
- Cuboid, spheres
- Cuboid, pyramids
- Square, spheres

This cuboid is made up entirely of spheres!