Varied Fluency Step 11: Sort 3D Shapes

National Curriculum Objectives:

Mathematics Year 2: (2G1b) <u>Compare and sort common 3D shapes and everyday objects</u> Mathematics Year 2: (2G2b) <u>Identify and describe the properties of 3D shapes, including</u> <u>the number of edges, vertices and faces</u>

Differentiation:

Developing Questions to support sorting 3D shapes, with reference to the number of faces edges and vertices. All shapes presented in the same orientation and size. Perspective lines visible on all shapes.

Expected Questions to support sorting 3D shapes, with reference to the number of faces, edges and vertices. All shapes presented in different orientations and sizes. Perspective lines visible on some shapes and some real-life objects.

Greater Depth Questions to support sorting 3D shapes, with reference to the number of faces, edges and vertices. All shapes presented in different orientations and sizes. No perspective lines visible on shapes, with some use of real-life objects.

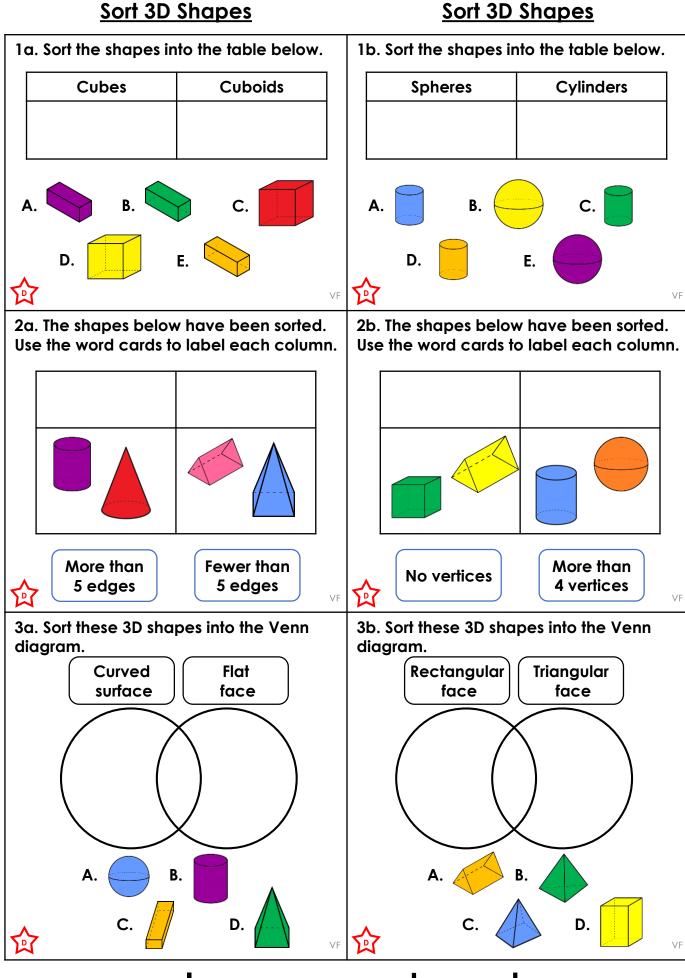
More <u>Year 2 Properties of Shape</u> resources.

Did you like this resource? Don't forget to <u>review</u> it on our website.



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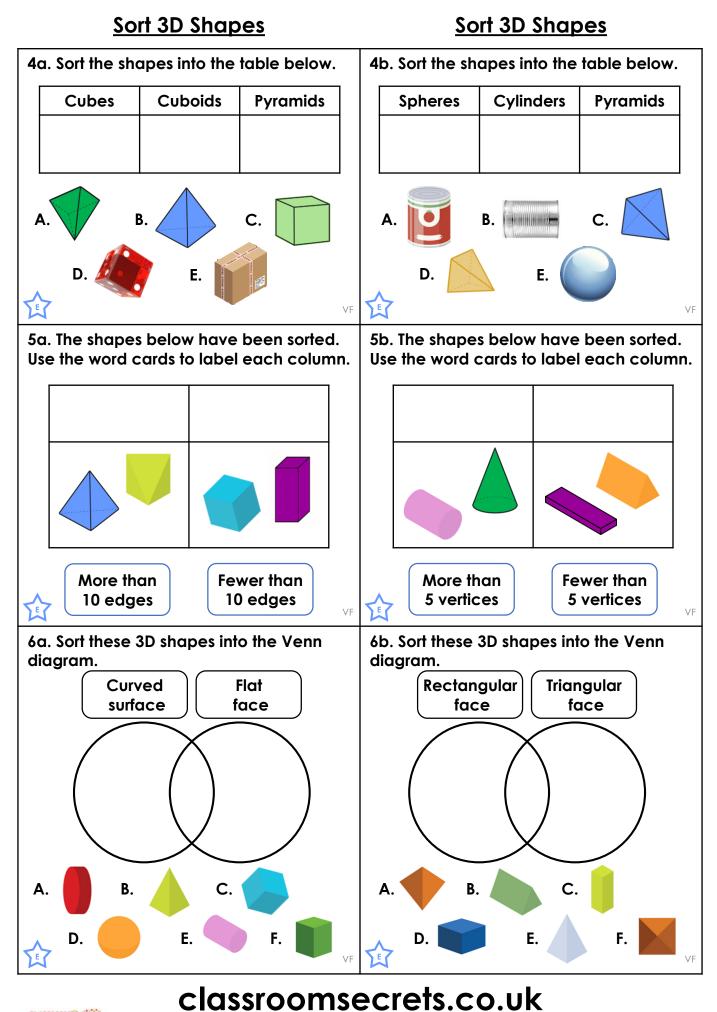
Varied Fluency – Sort 3D Shapes – Teaching Information



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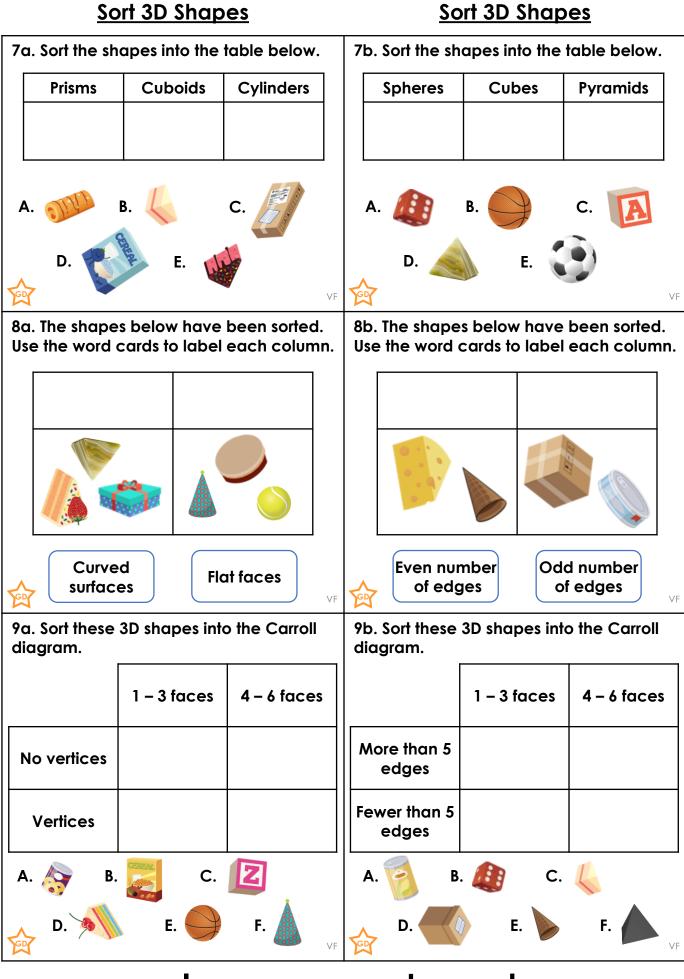
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Varied Fluency – Sort 3D Shapes – Year 2 Developing



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Varied Fluency – Sort 3D Shapes – Year 2 Expected



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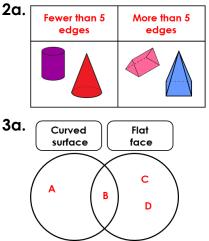
Varied Fluency – Sort 3D Shapes – Year 2 Greater Depth

Varied Fluency Sort 3D Shapes

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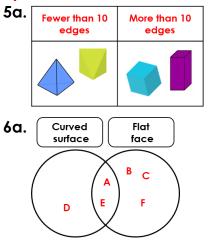
Developing

1a. Cubes = C, D; Cuboids = A, B, E



Expected

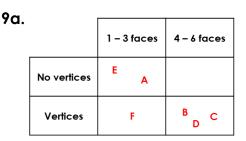
4a. Cubes = C, D; Cuboids = E; Pyramids = A, B



Greater Depth

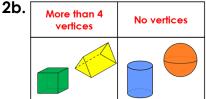
7a. Prisms = B, E; Cuboids = C, D; Cylinders = A

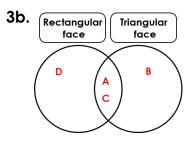




Developing

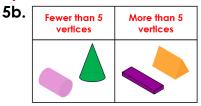


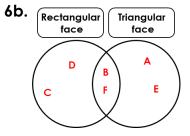




Expected

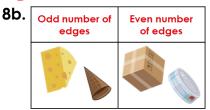
4b. Spheres = E; Cylinders = A, B; Pyramids = C, D





Greater Depth

7b. Spheres = B, E; Cubes = A, C; Pyramids = D



9b. 1 - 3 faces 4 - 6 faces More than 5 edges F C Fewer than 5 edges A E

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Varied Fluency – Sort 3D Shapes ANSWERS