

- All Platonic solids fulfill following conditions:

1.
2.
3.
4.

- Name all five Platonic solids appropriately:

1.
2.
3.
4.
5.

- If a convex polyhedra is composed of two ore more different types of regular polygons, this polyhedra is called

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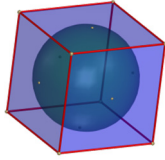
- Name one of these solid and describe its properties:

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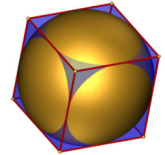
additional worksheet to

DARSTELLENDEN GEOMETRIE
3D-GEOMETRIE

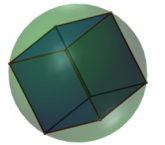
- For all Platonic solids three different spheres exist:



A sphere exists, which
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A sphere exists, which
.....



A sphere exists, which
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- Which platonic solids are formed by equilateral triangles? Name and sketch them.

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- Which platonic solid is either formed by squares or equilateral pentagons? Are these the only ones- why? Name these solids.

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