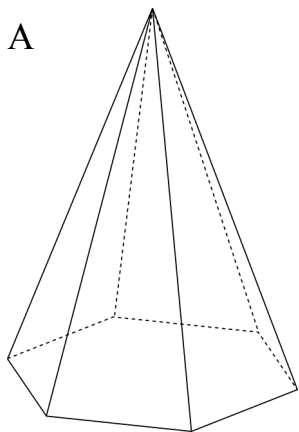


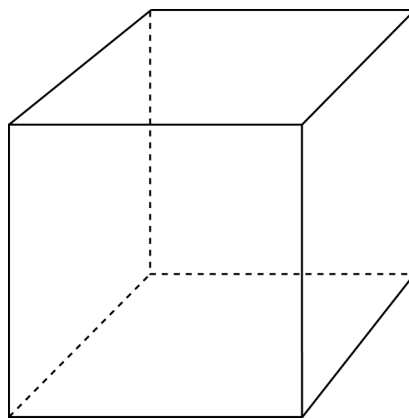
3D Shapes Key

- | | |
|--|--|
| 1. 1 curved face, no edges | sphere |
| More than one face..... | 2 |
| 2. Has a base, narrows to 1 vertex | 3 |
| Has 8 faces and 6 vertices..... | octahedron |
| Does not narrow – has the same cross section through the shape..... | 4 |
| 3. Has a circular base, 1 vertex and 1 other curved face..... | cone |
| Does not have a circular base, the other sides are all triangles | 5 (pyramids) |
| 4. Has 2 identical circular faces and no vertices... | cylinder |
| Has 6 identical square faces and 8 vertices..... | cube |
| Does not have 6 identical faces | 6 (prisms) |
| 5. Has a triangular base, 4 vertices and 4 faces..... | triangular based pyramid (tetrahedron) |
| Has a square base, 5 vertices and 5 faces..... | square based pyramid |
| Has a rectangular base, 5 vertices and 5 faces.... | rectangular based pyramid |
| Has a pentagonal base, 6 vertices and 6 faces..... | pentagonal based pyramid |
| Has a hexagonal base, 7 vertices and 7 faces..... | hexagonal based pyramid |
| Has an octagonal base, 9 vertices and 9 faces..... | octagonal based pyramid |
| 6. Has identical triangular faces at each end, 5 faces and 6 vertices..... | triangular prism |
| Has identical rectangular faces at each end, 6 faces and 8 vertices | rectangular prism (cuboid) |
| Has identical pentagonal faces at each end, 7 faces and 10 vertices | pentagonal prism |
| Has identical hexagonal faces at each end, 8 faces and 12 vertices | hexagonal prism |
| Has identical octagonal faces at each end, 10 faces and 16 vertices | octagonal prism |

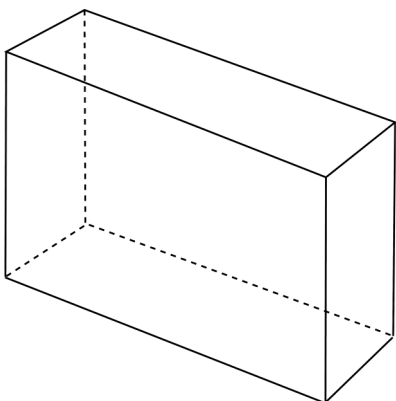
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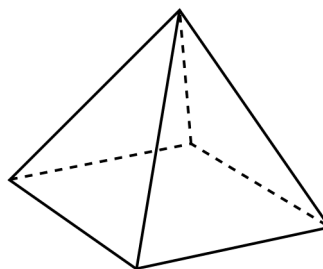
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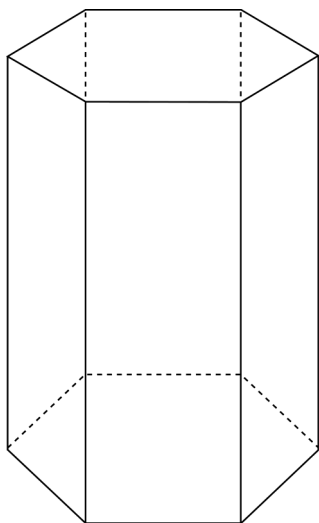
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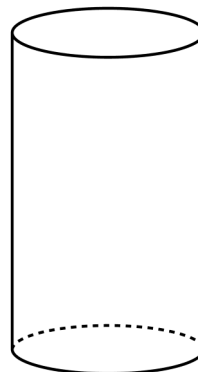
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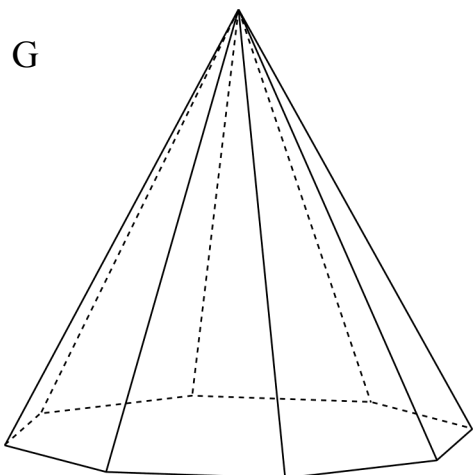
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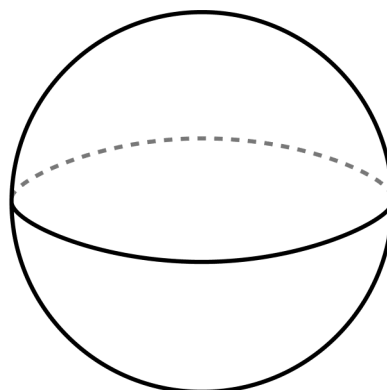
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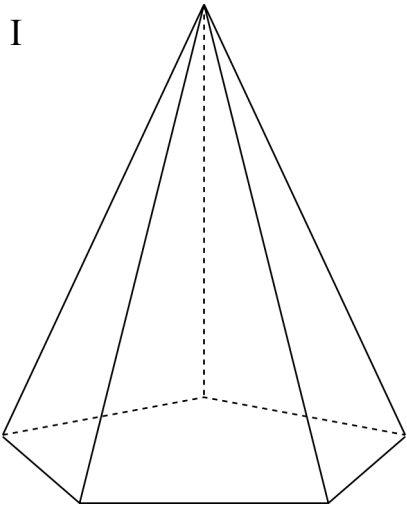
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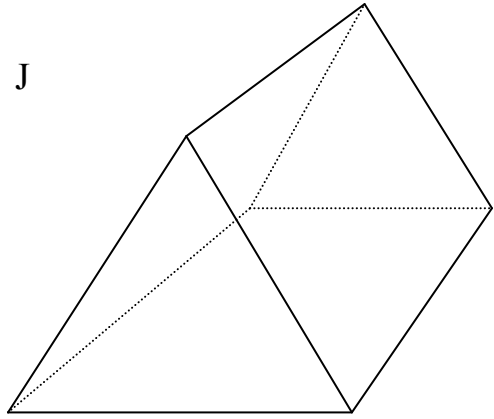
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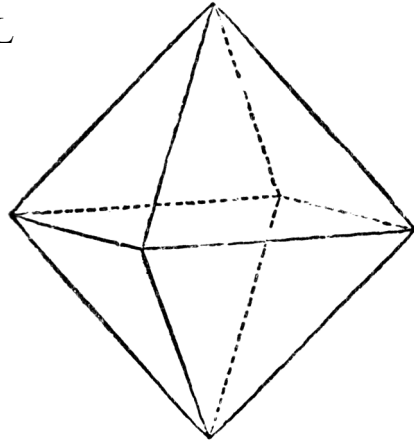
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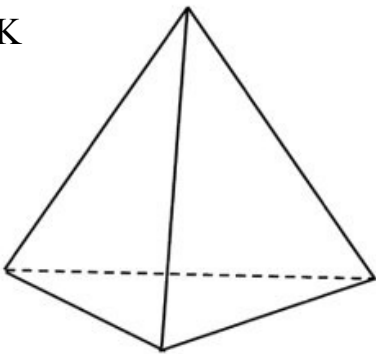
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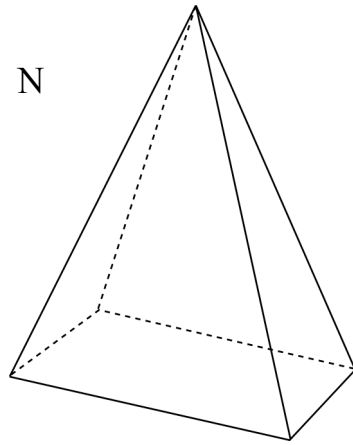
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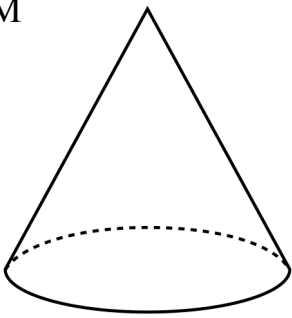
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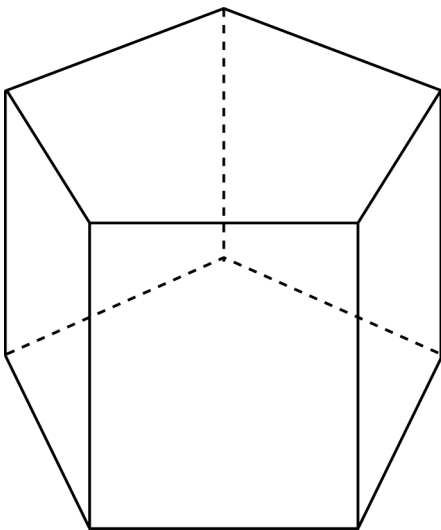
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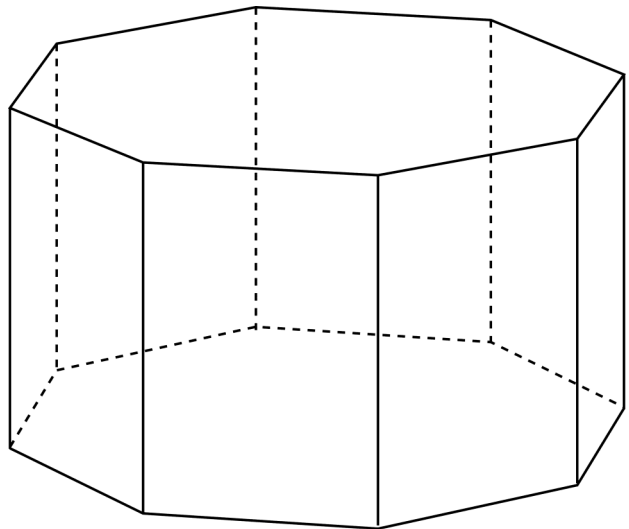
M



O



P



Answers

A = pentagonal based pyramid

B = cube

C = rectangular prism (cuboid)

D = square based pyramid

E = hexagonal prism

F = cylinder

G = octagonal based pyramid

H = sphere

I = pentagonal based pyramid

J = triangular prism

K = triangular based pyramid (tetrahedron)

L = octahedron

M = cone

N = rectangular based pyramid

O = pentagonal prism

P = octagonal prism