

7 7 7 Triple Seven

Mascot for understanding
Hexagonal and Cubic Closest Packing

Three units of 7 spheres

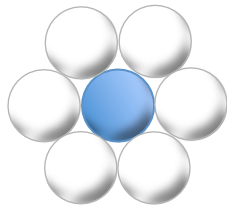


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Three units of 7 spheres

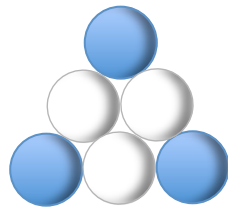


Packing layers



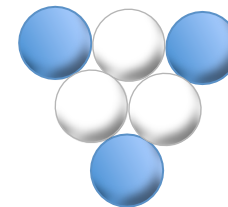
Hexagonal
Closest packing

A



Triangle
Closest packing

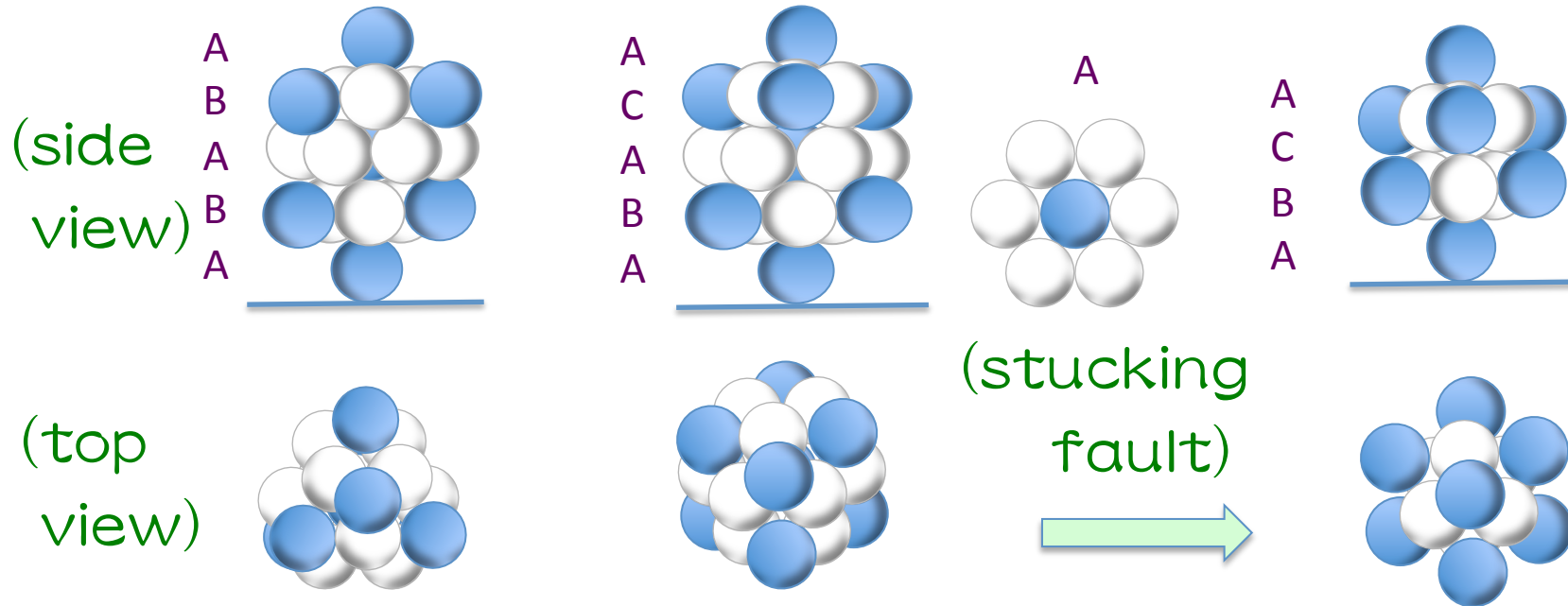
B



60° rotation Triangle
Closest packing

C

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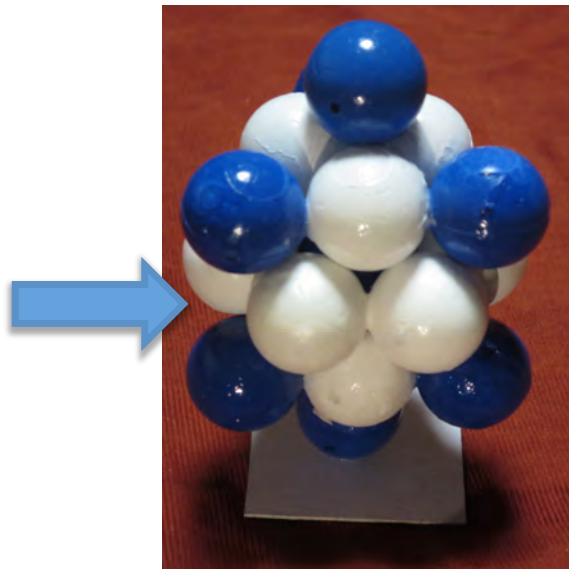


2H-Hexagonal
Closest Packing
2 layers AB AB

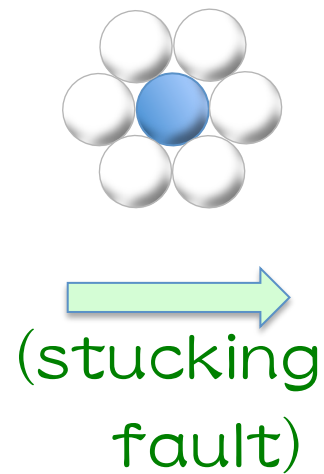
4H-Hexagonal
Closest Packing
4 layers ABAC A

3C-Cubic
Closest Packing
3 layers ABC A

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4H-Hexagonal
Closest Packing
4 layers ABAC A



3C-Cubic
Closest Packing
3 layers ABC A