Info Gap: Unknown Dimensions

Problem Card 1

A cone and a sphere have the same dimensions. What is the volume of the sphere?

Info Gap: Unknown Dimensions

Data Card 1

- The volume of the cone is $V = 144\pi$ cm³.
- The radius of the cone is the same as the radius of the sphere.
- $4^3 = 64$, $5^3 = 125$, $6^3 = 216$, $7^3 = 343$

Info Gap: Unknown Dimensions

Problem Card 2

A cone and a sphere have the same height. What is the volume of the sphere?

Info Gap: Unknown Dimensions

Data Card 2

- The volume of the cone is $V = 18\pi$ cm³.
- The radius of the sphere is half the height of the cone.
- The height of the cone is twice the value of the radius of the cone.
- $4^3 = 64$, $5^3 = 125$, $6^3 = 216$, $7^3 = 343$

Info Gap: Unknown Dimensions

Problem Card 1

A cone and a sphere have the same dimensions. What is the volume of the sphere?

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Data Card 1

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- The radius of the cone is the same as the radius of the sphere.
- $4^3 = 64$, $5^3 = 125$, $6^3 = 216$, $7^3 = 343$

Info Gap: Unknown Dimensions

Problem Card 2

A cone and a sphere have the same height. What is the volume of the sphere?

Info Gap: Unknown Dimensions

Data Card 2

- The volume of the cone is $V = 18\pi$ cm³.
- The radius of the sphere is half the height of the cone.
- The height of the cone is twice the value of the radius of the cone.
- $4^3 = 64$, $5^3 = 125$, $6^3 = 216$, $7^3 = 343$

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