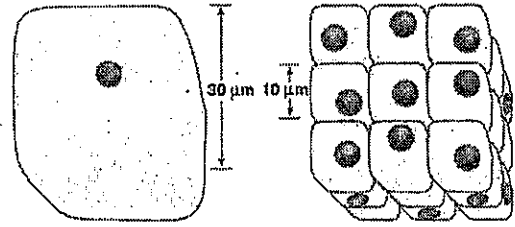


Surface area  
of one large cube  
= 5400  $\mu\text{m}^2$

Total surface area  
of 27 small cubes  
= 16,200  $\mu\text{m}^2$

How does the cell Surface Area/volume ratio differ in these TWO diagrams?

Explain the relationship of this concept to transport and cell division.

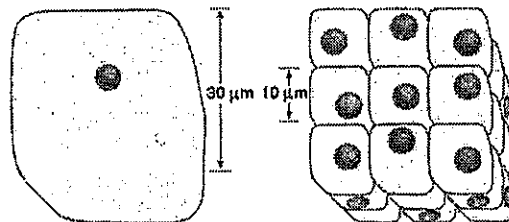


Surface area  
of one large cube  
= 5400  $\mu\text{m}^2$

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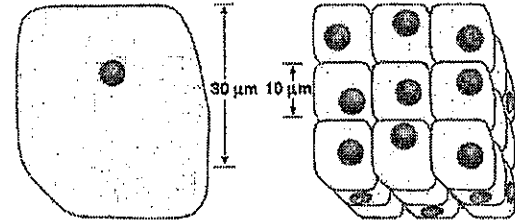


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of one large cube  
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Total surface area  
of 27 small cubes  
= 16,200  $\mu\text{m}^2$

How does the cell Surface Area/volume ratio differ in these TWO diagrams?

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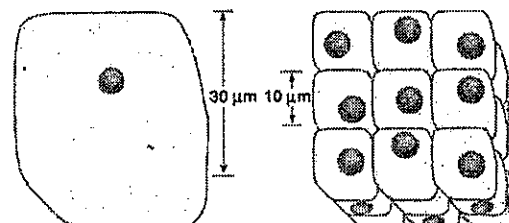


Surface area  
of one large cube  
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Total surface area  
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How does the cell Surface Area/volume ratio differ in these TWO diagrams?

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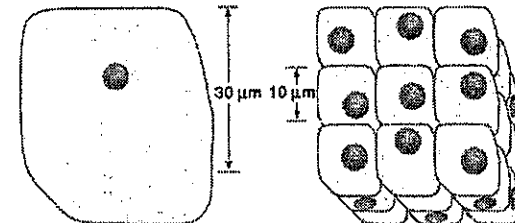


Surface area  
of one large cube  
= 5400  $\mu\text{m}^2$

Total surface area  
of 27 small cubes  
= 16,200  $\mu\text{m}^2$

How does the cell Surface Area/volume ratio differ in these TWO diagrams?

Explain the relationship of this concept to transport and cell division.



Surface area  
of one large cube  
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Total surface area  
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How does the cell Surface Area/volume ratio differ in these TWO diagrams?

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