

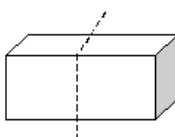
# Clay model cross-sections II

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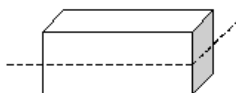
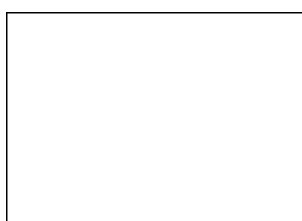
**This task is about cross-sections of 3-dimensional objects.**

a) Use your modelling clay to make a rectangular prism.

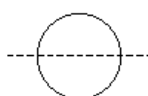
- i) What shape will its vertical cross-section look like?  
Draw this cross-section in the box below.



- ii) What shape will the horizontal cross-section of the rectangular prism look like?  
Draw this cross-section in the box below.

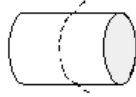
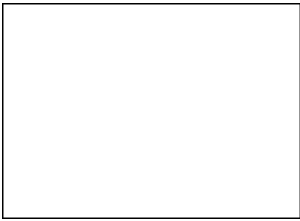


- b) Use your piece of modelling clay to make a sphere. What shape will its horizontal cross-section look like?  
Draw this cross-section in the box below.

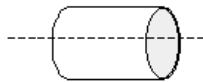
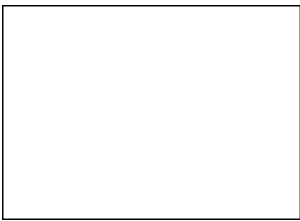


c) Use your modelling clay to make a cylinder.

- i) What shape will its vertical cross-section look like?  
Draw this cross-section in the box below.

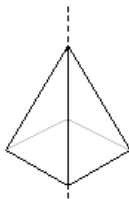
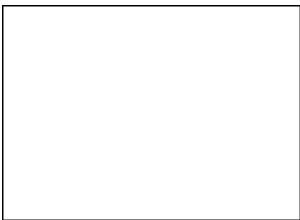


- ii) What shape will its horizontal cross-section look like?  
Draw this cross-section in the box below.



d) Use your modelling clay to make a square-based pyramid.

- i) What shape will its vertical cross-section look like?  
Draw this cross-section in the box below.



- ii) What shape will its horizontal cross-section look like?  
Draw this cross-section in the box below.

