



UNIVERSITY OF  
CAMBRIDGE

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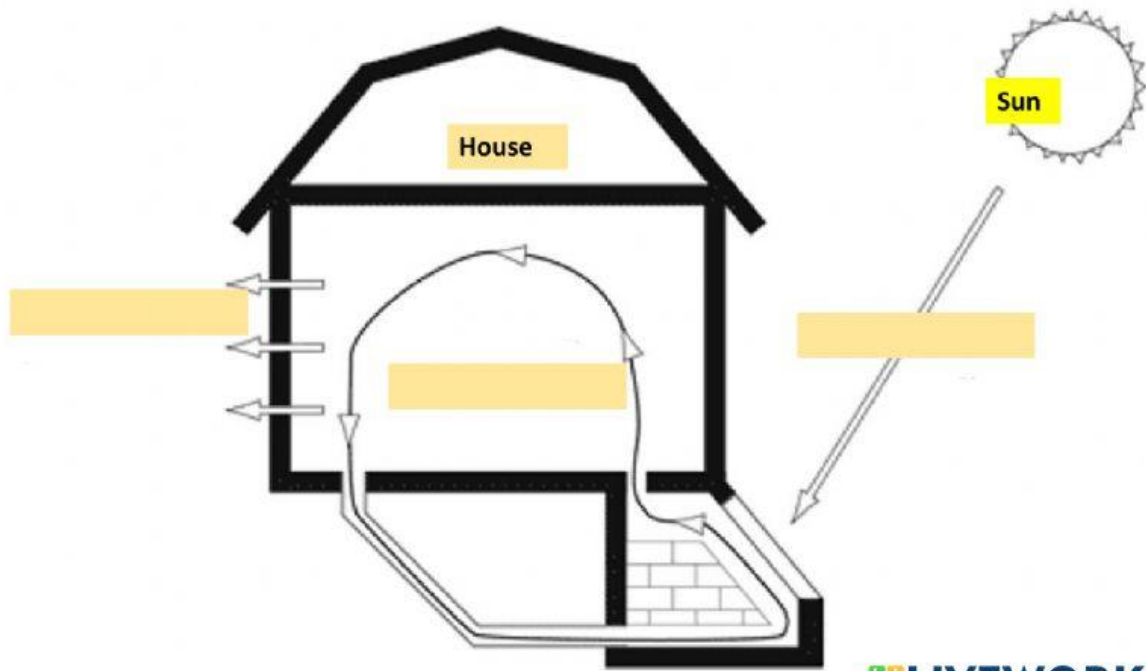


# GRADE – 7 REVISION

TR – ASMA BEGUM

 **LIVEWORKSHEETS**

## Identify the heat transfer modes



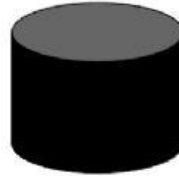
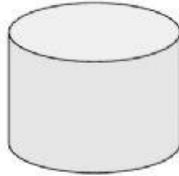
## Emission experiment

Four containers were filled with warm water. Which container would have the warmest water after ten minutes?



Shiny metal

Dull metal



Dull black

Shiny black



The \_\_\_\_\_ container would be the warmest after ten minutes because its shiny surface reflects heat \_\_\_\_\_ back into the container so less is lost. The \_\_\_\_\_ container would be the coolest because it is the best at \_\_\_\_\_ heat radiation.

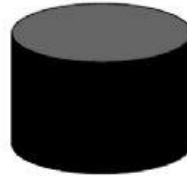
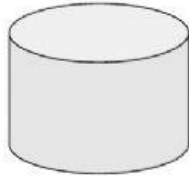
## Absorption experiment

Four containers were placed equidistant from a heater. Which container would have the warmest water after ten minutes?



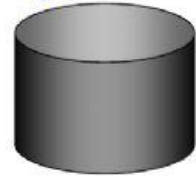
Shiny metal

Dull metal



Dull black

Shiny black



The \_\_\_\_\_ container would be the warmest after ten minutes because its surface absorbs heat \_\_\_\_\_ the best. The \_\_\_\_\_ container would be the coolest because it is the poorest at \_\_\_\_\_ heat radiation.

