



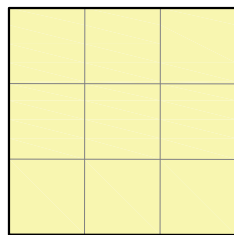
eduresourceza.com

GRID

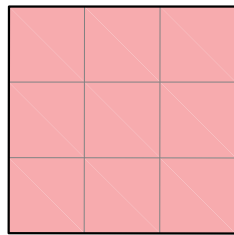
ORTHOGRAPHIC DRAWING

3rd ANGLE

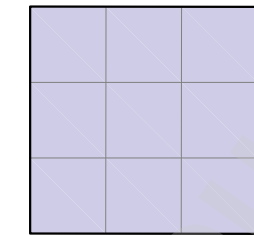
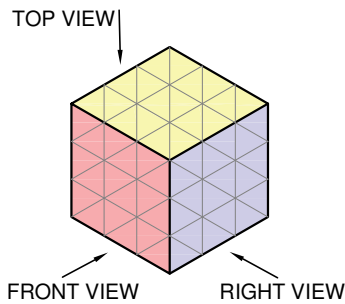
A COMPILATION OF DRAWINGS
FOR
DEVELOPING THE SKILL TO DRAW IN ORTHOGRAPHIC
FOR ALL GRADES



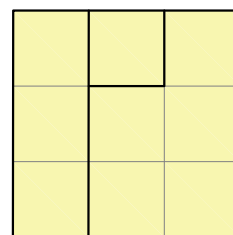
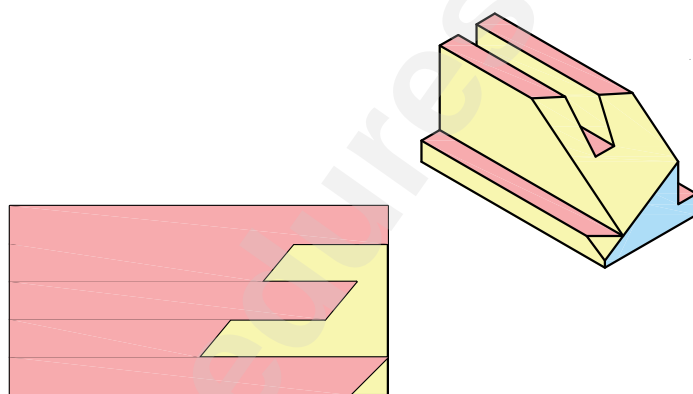
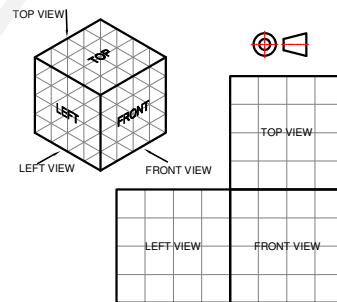
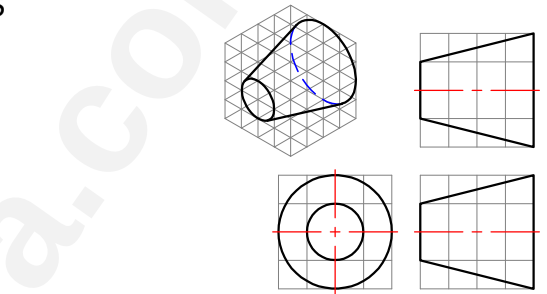
TOP VIEW



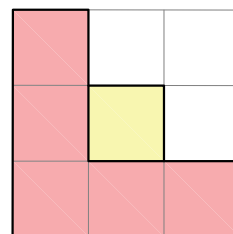
FRONT VIEW



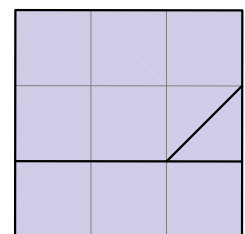
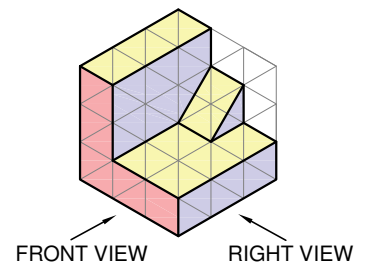
RIGHT VIEW



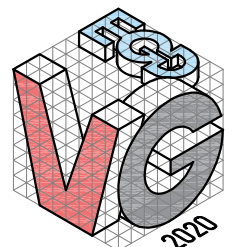
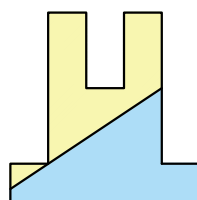
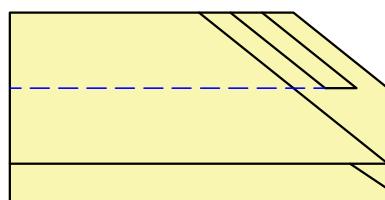
TOP VIEW

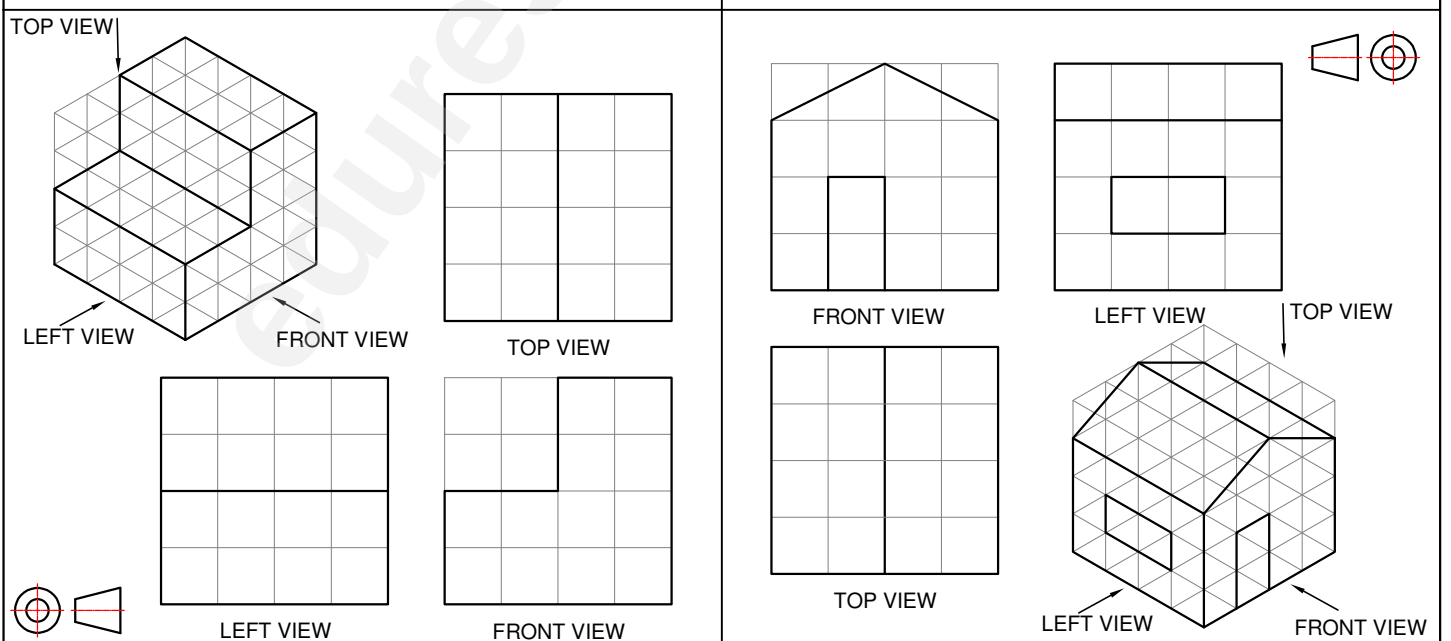
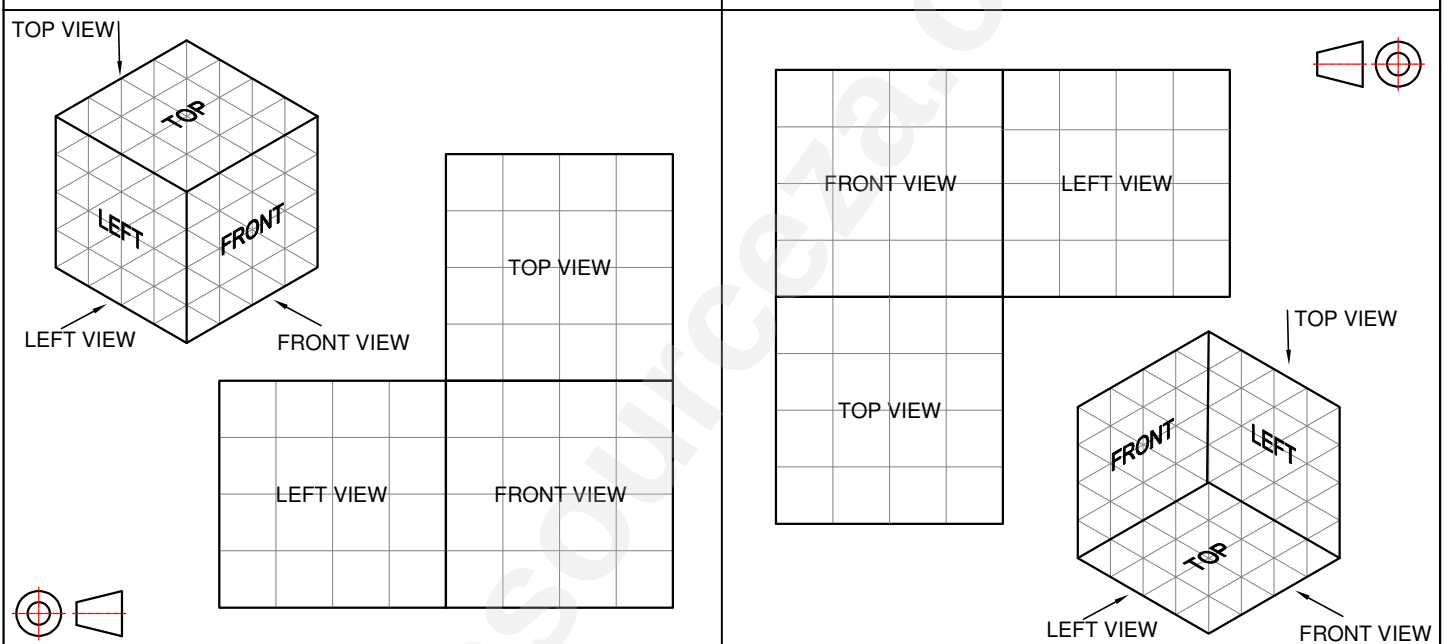
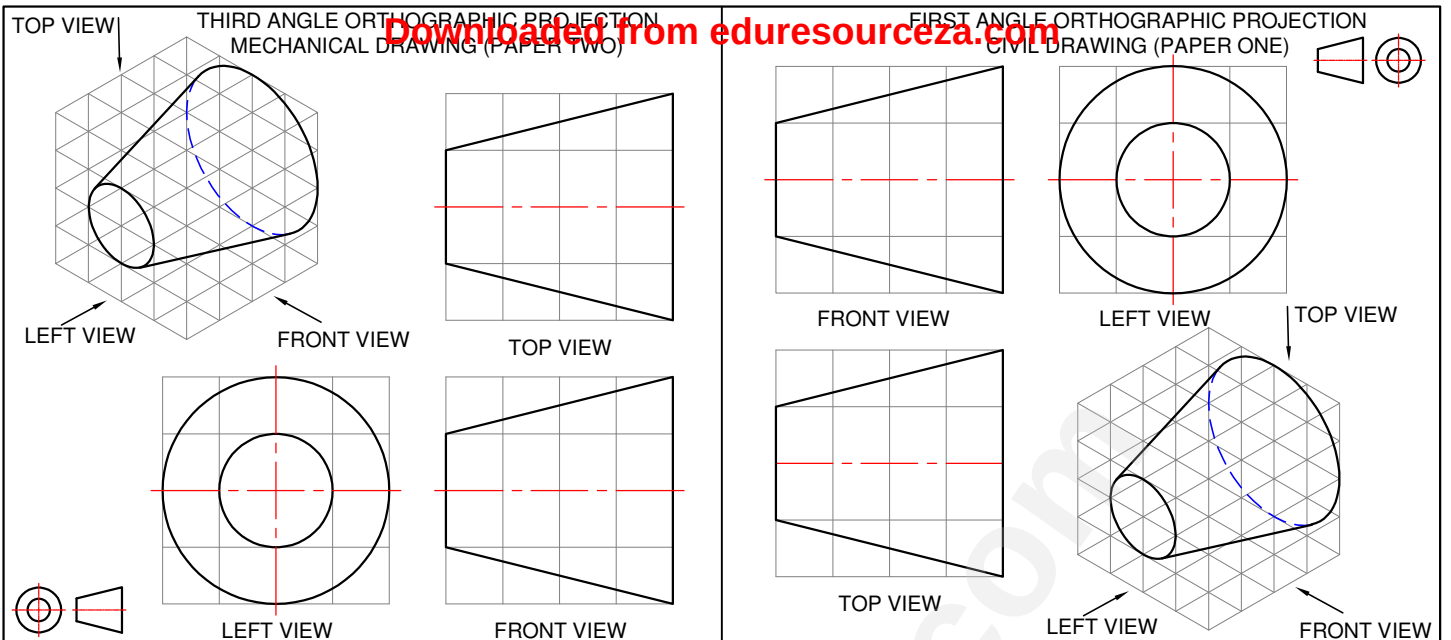


FRONT VIEW



RIGHT VIEW



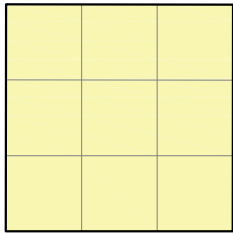


The above drawings show the two projections that we commonly draw in class. The symbols are also shown.

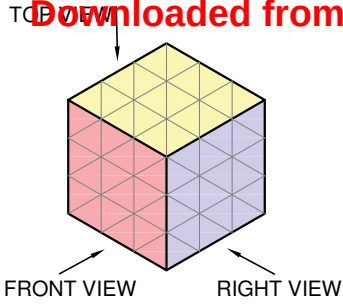
We will, in the exercises that follow in this module, draw in third angle orthographic projection.

Using the given isometric drawings, draw in third angle orthographic projection the **FRONT**, **TOP** and **SIDE VIEWS**.

Label the views as shown by the arrows in the isometric view. **Show all hidden detail.**

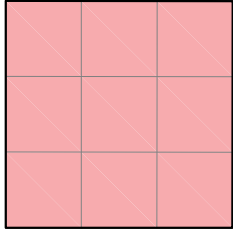


TOP VIEW

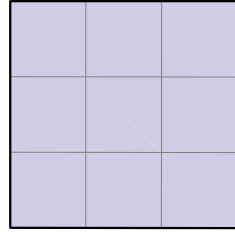


FRONT VIEW

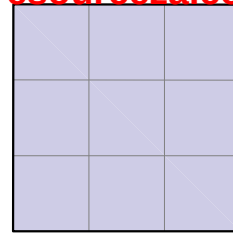
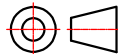
RIGHT VIEW



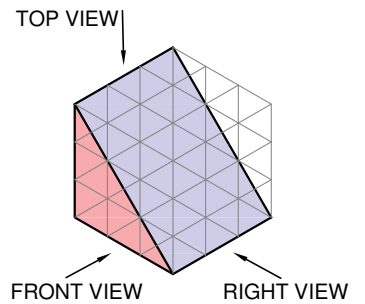
FRONT VIEW



RIGHT VIEW

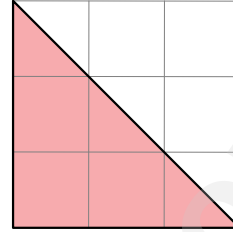


TOP VIEW

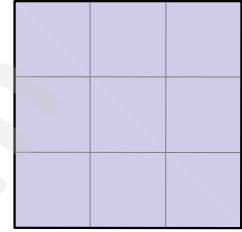


FRONT VIEW

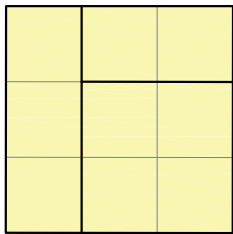
RIGHT VIEW



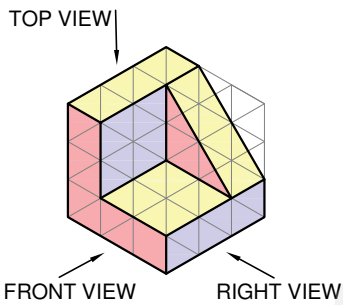
FRONT VIEW



RIGHT VIEW

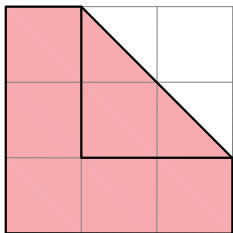


TOP VIEW

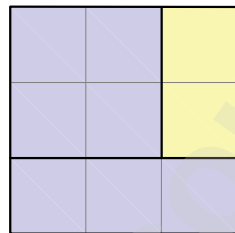


FRONT VIEW

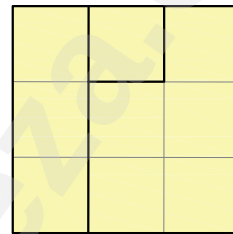
RIGHT VIEW



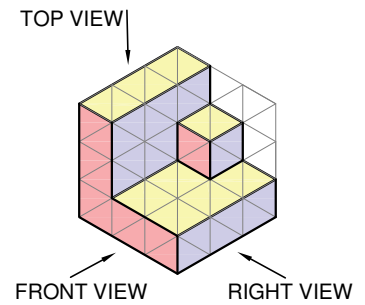
FRONT VIEW



RIGHT VIEW

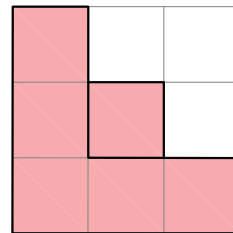


TOP VIEW

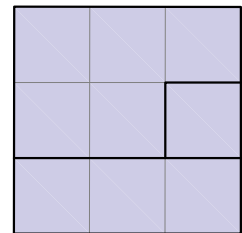


FRONT VIEW

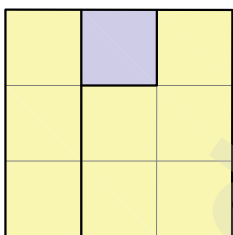
RIGHT VIEW



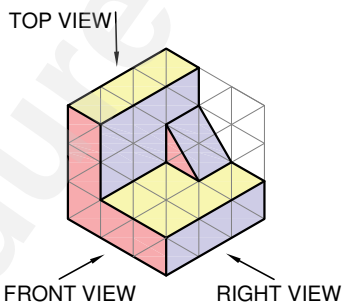
FRONT VIEW



RIGHT VIEW

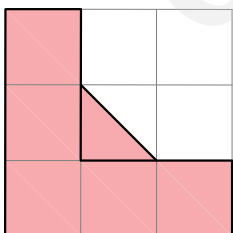


TOP VIEW

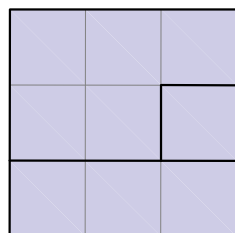


FRONT VIEW

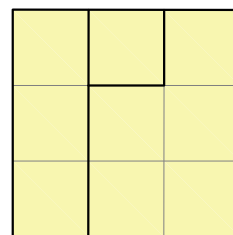
RIGHT VIEW



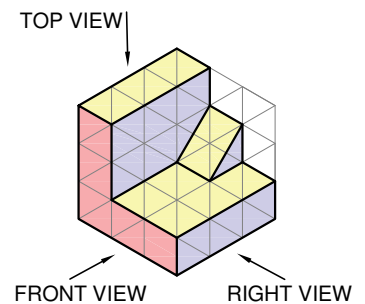
FRONT VIEW



RIGHT VIEW

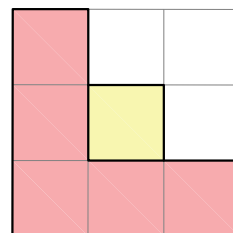


TOP VIEW

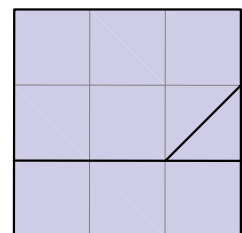


FRONT VIEW

RIGHT VIEW



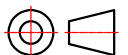
FRONT VIEW

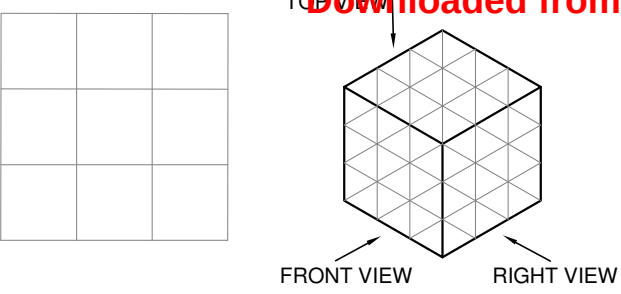
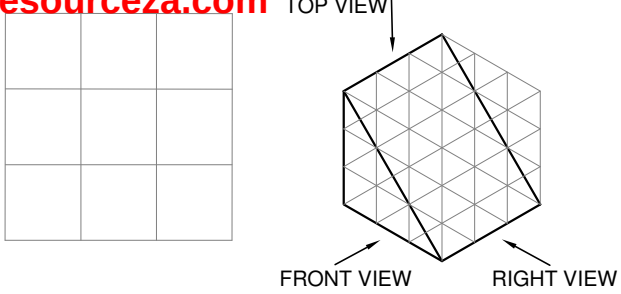
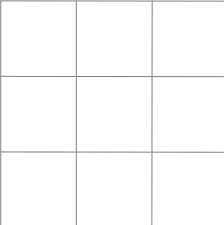
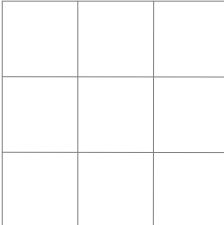
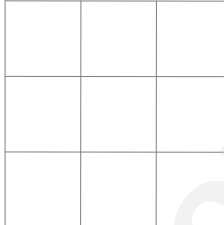
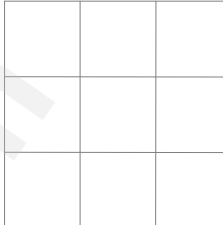
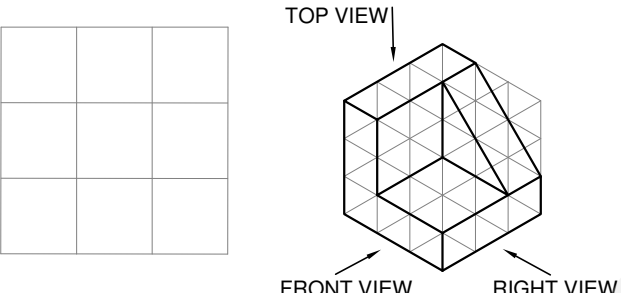
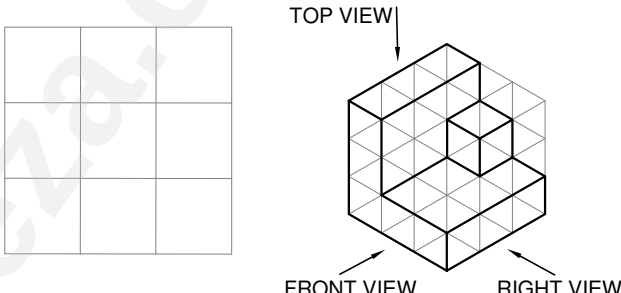
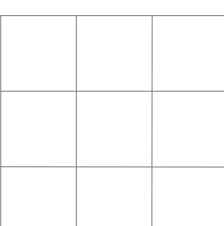
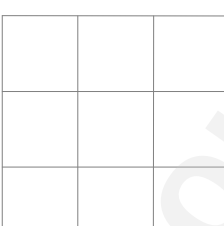
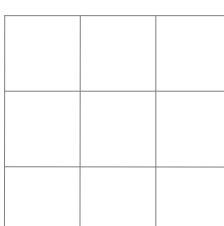
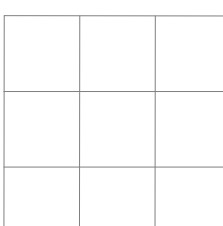
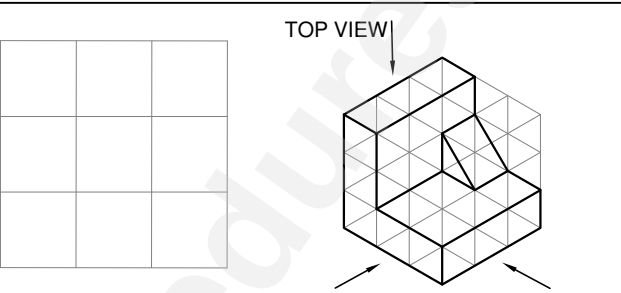
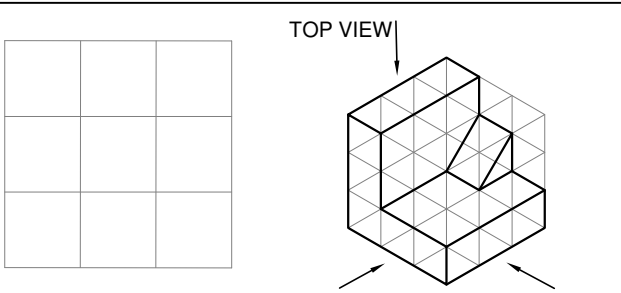
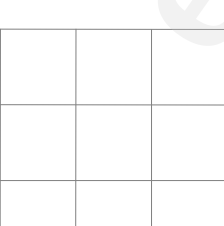
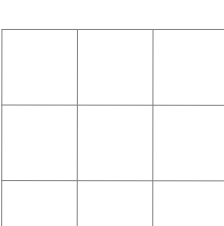
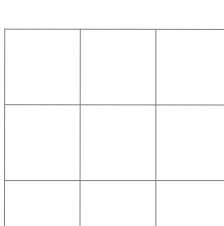
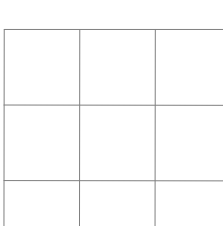


RIGHT VIEW

EXAMPLE OF HOW YOU MUST DRAW AND LABEL

Using the given isometric drawings, draw in third angle orthographic projection the **FRONT**, **TOP** and **SIDE VIEWS**. Label the views as shown by the arrows in the isometric view. Show all hidden detail.

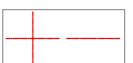


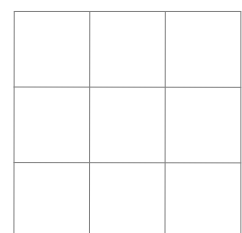
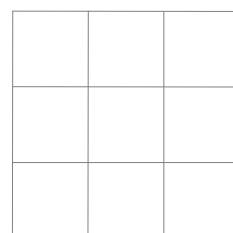
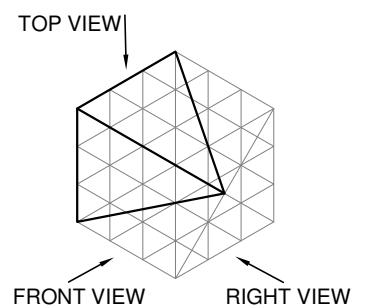
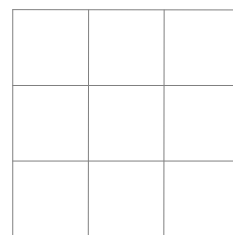
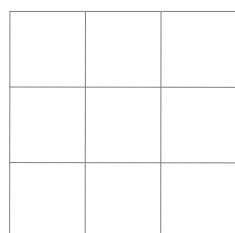
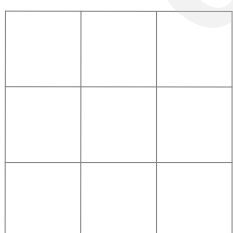
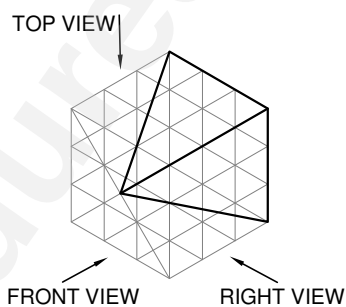
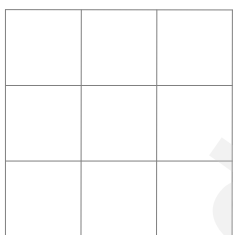
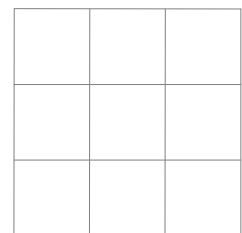
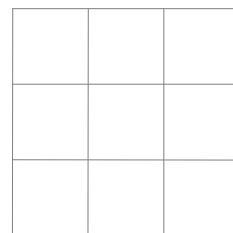
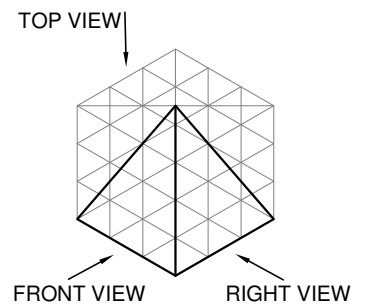
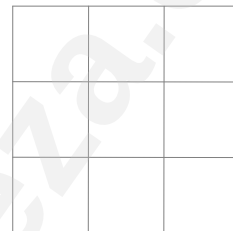
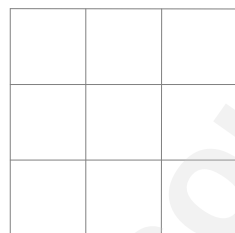
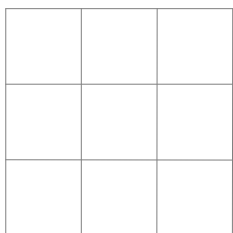
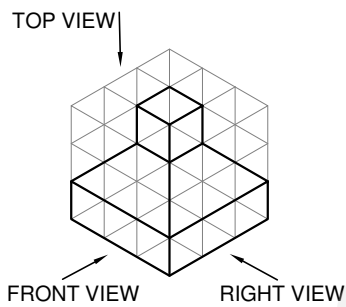
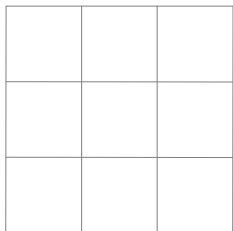
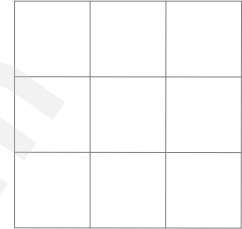
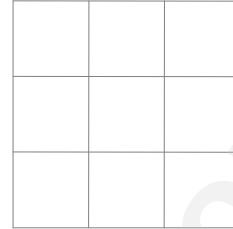
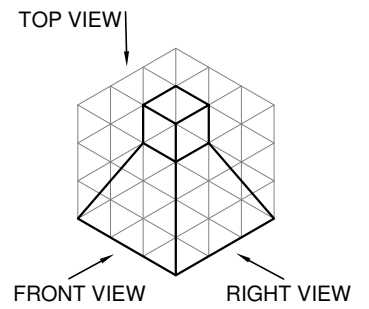
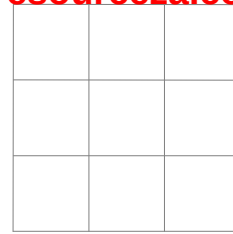
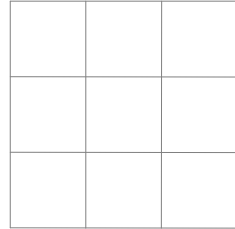
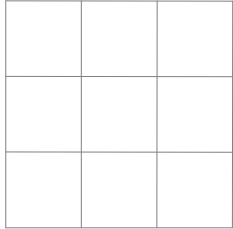
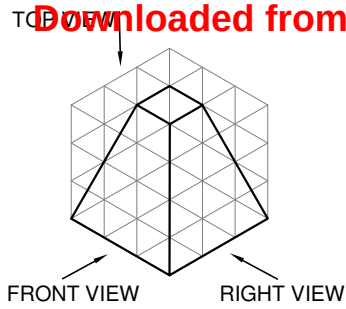
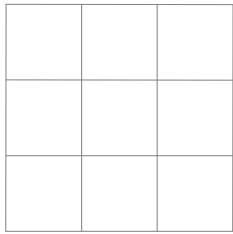
	
 	 
	
 	 
	
 	 

Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

NAME _____
GRADE _____

DATE _____



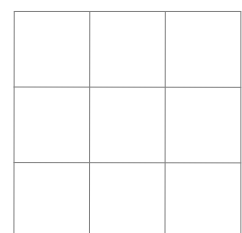
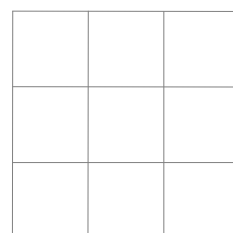
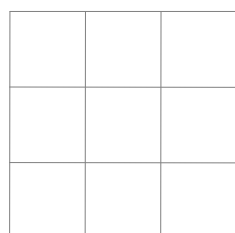
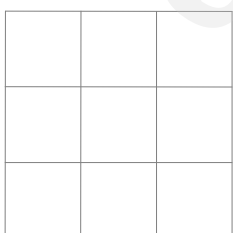
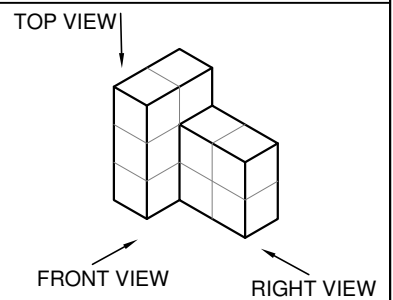
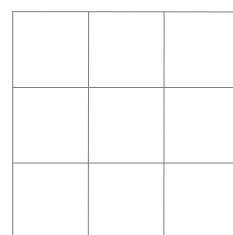
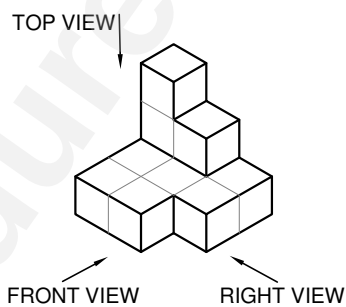
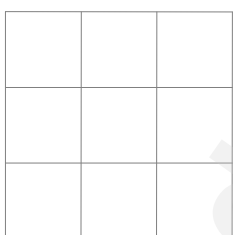
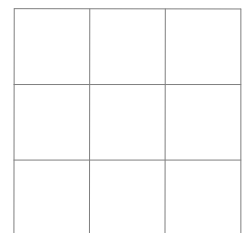
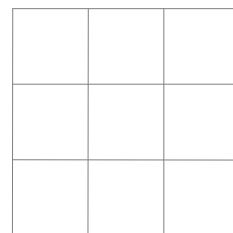
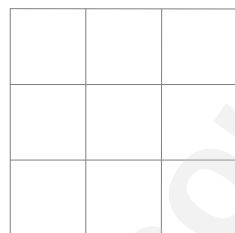
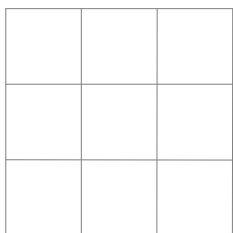
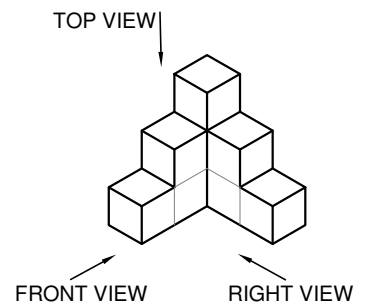
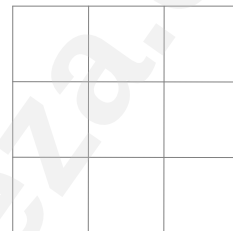
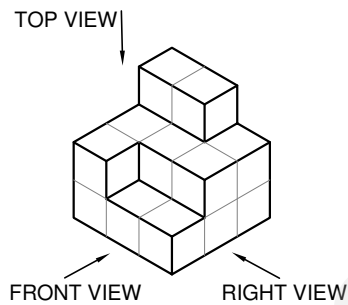
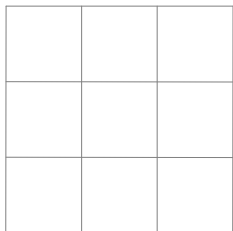
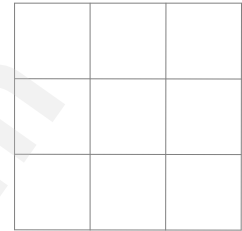
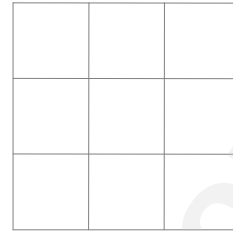
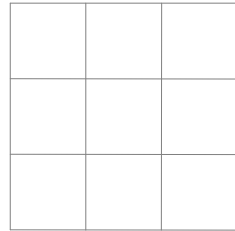
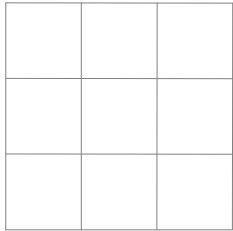
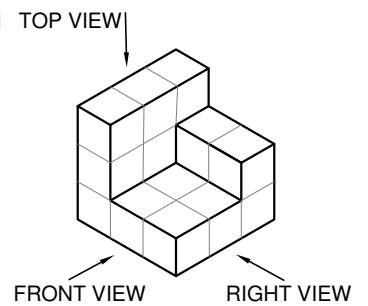
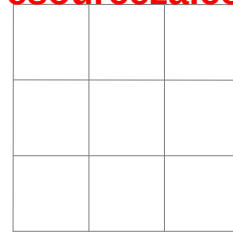
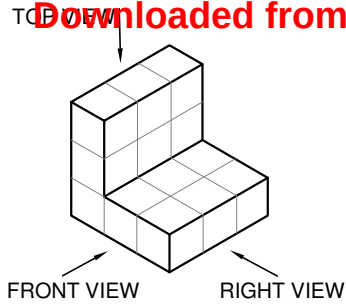
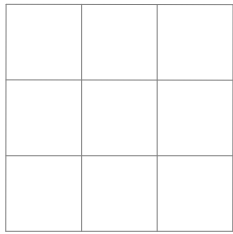


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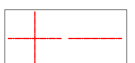


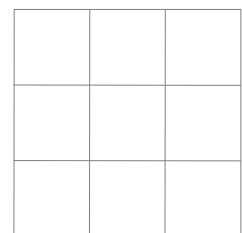
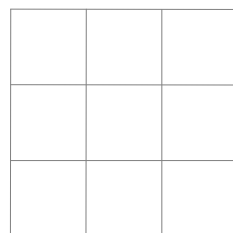
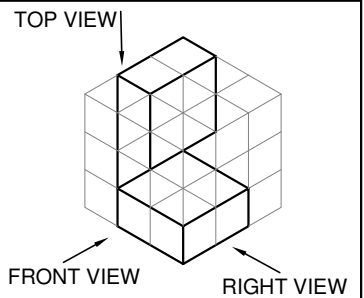
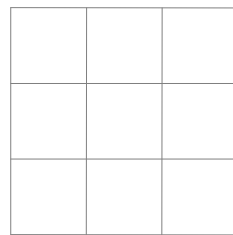
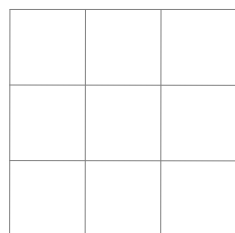
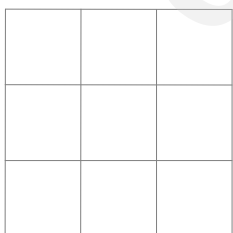
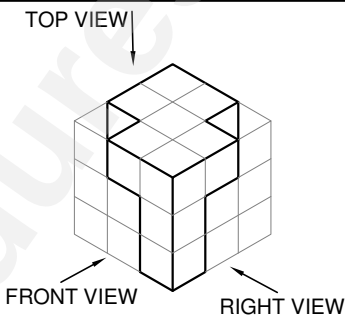
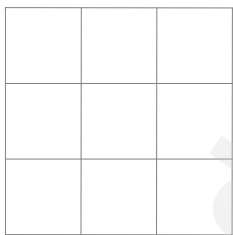
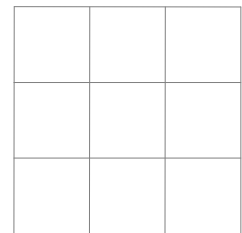
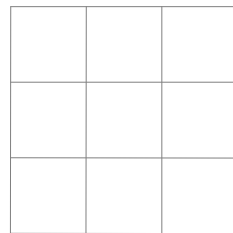
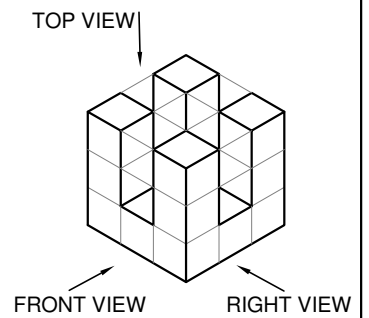
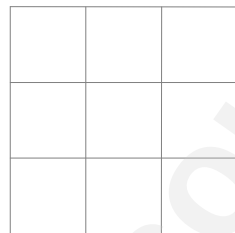
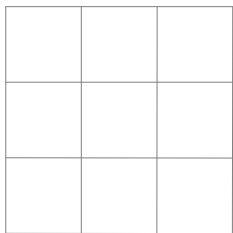
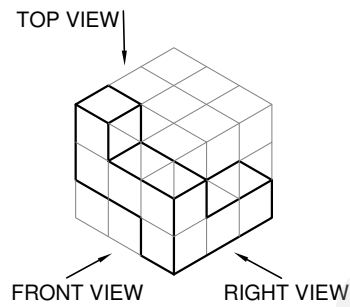
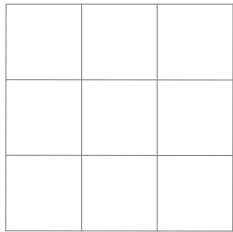
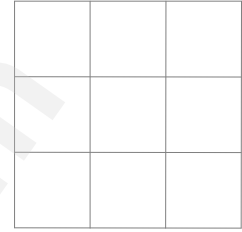
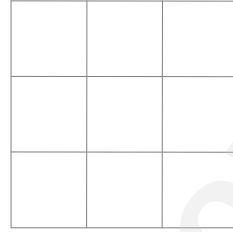
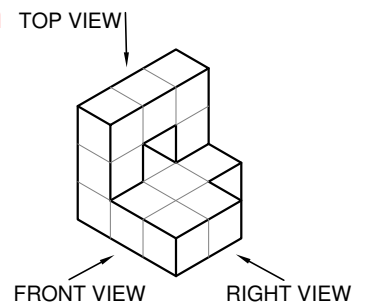
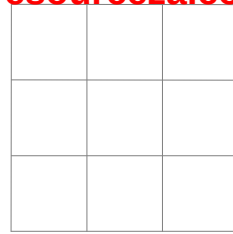
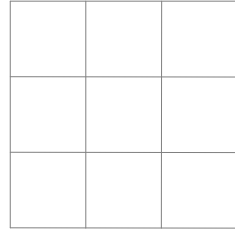
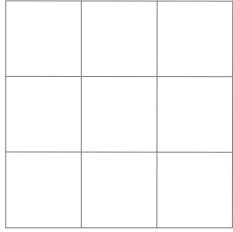
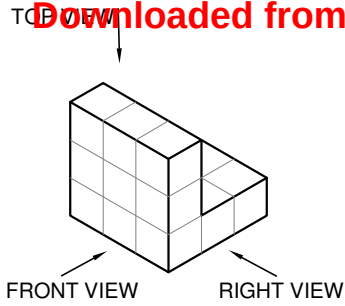
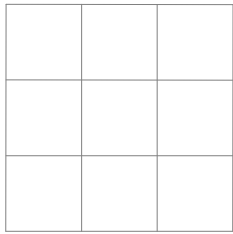


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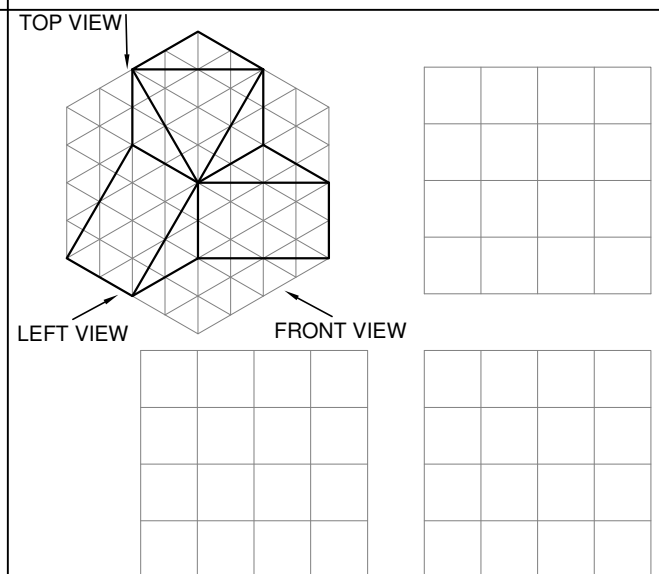
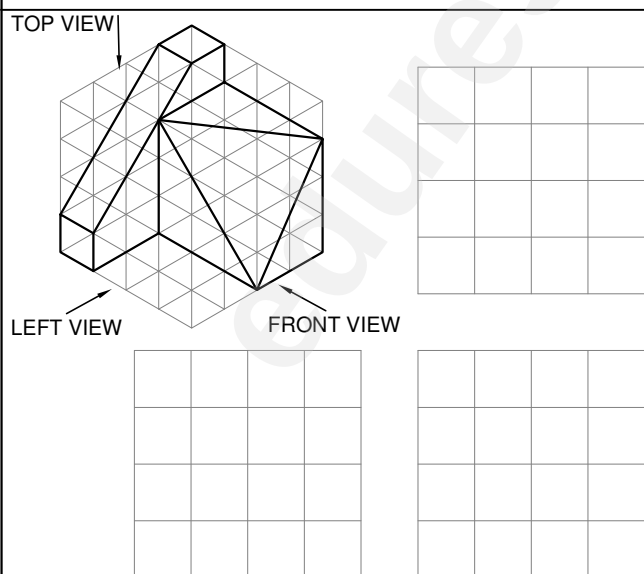
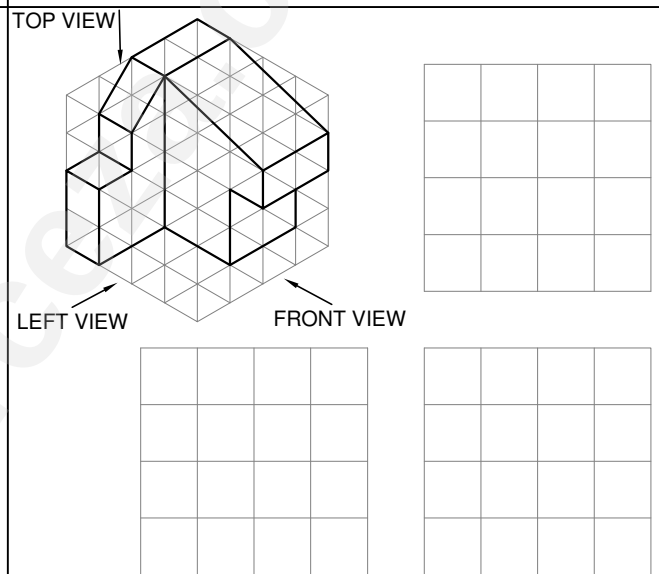
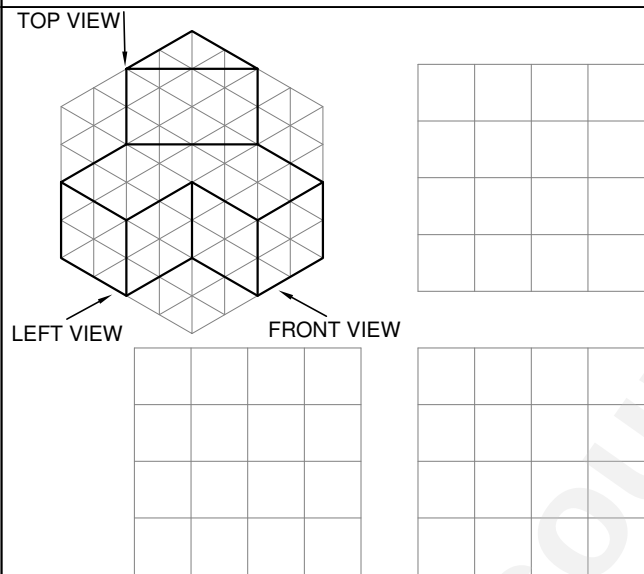
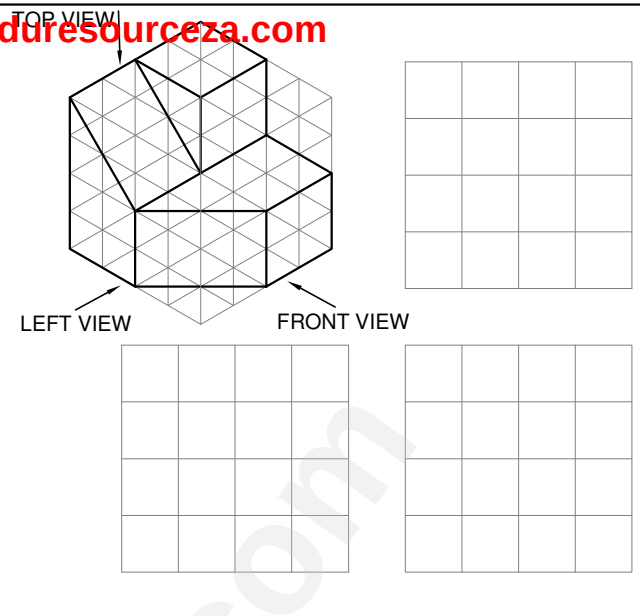
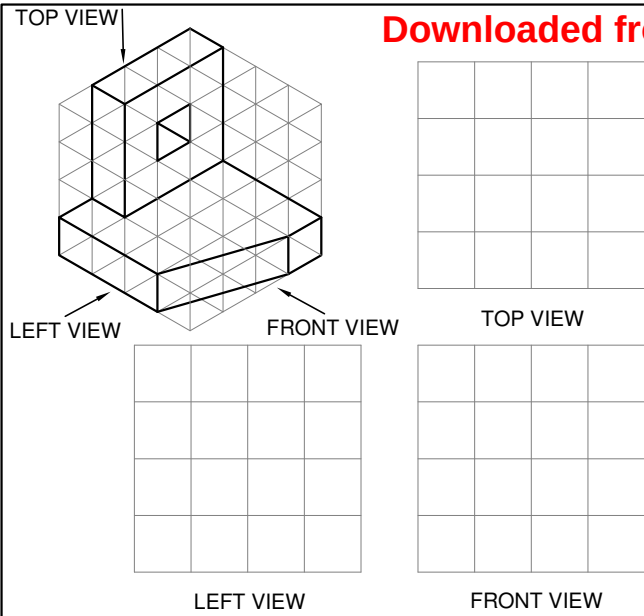


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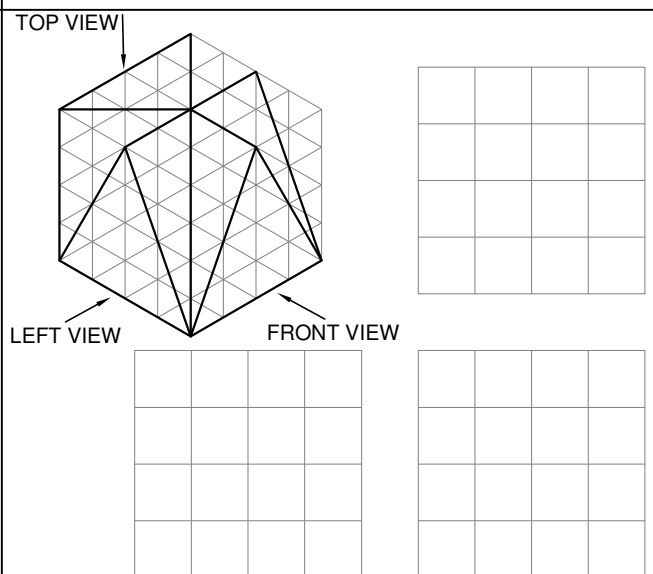
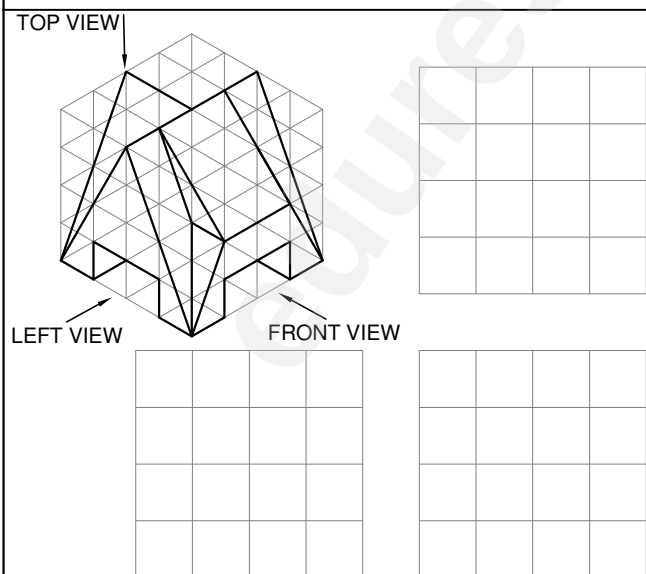
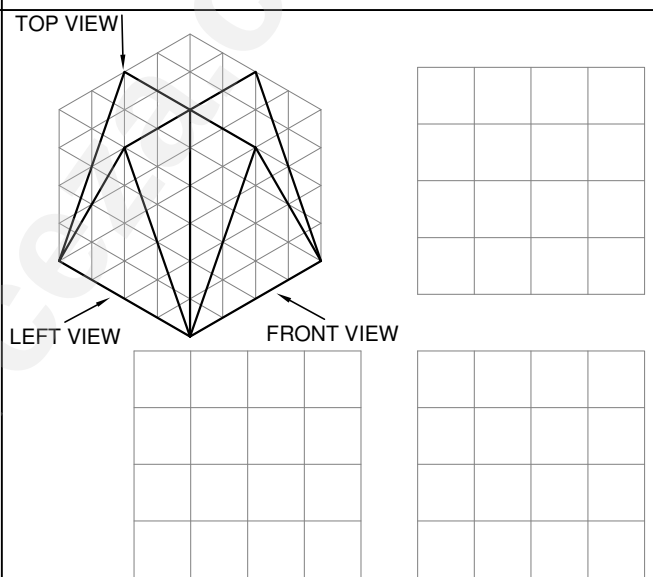
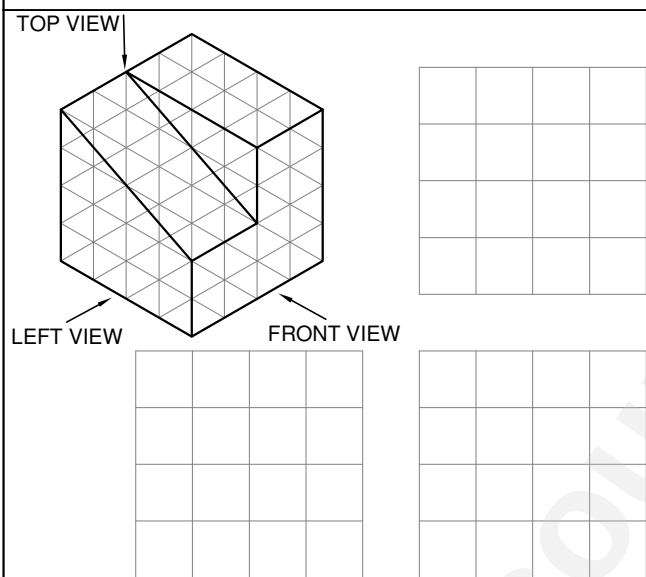
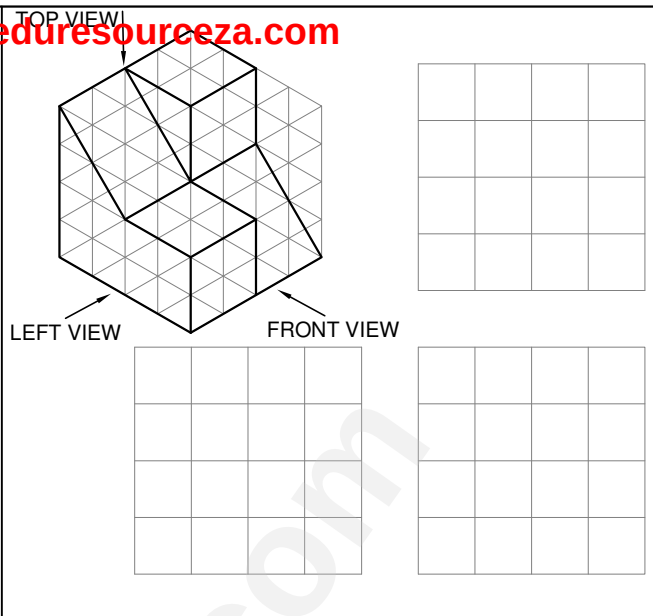
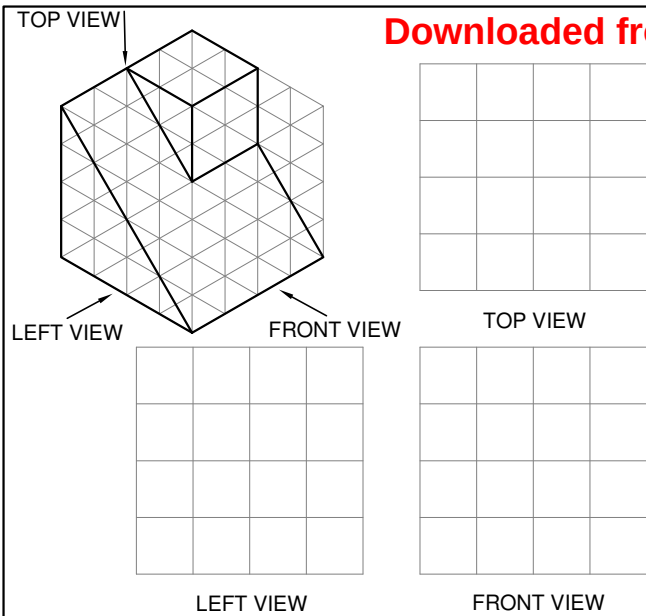
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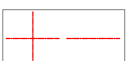


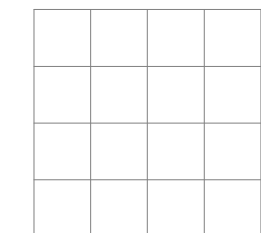
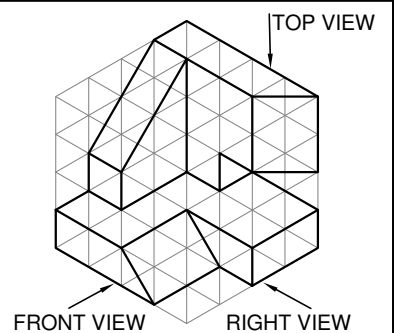
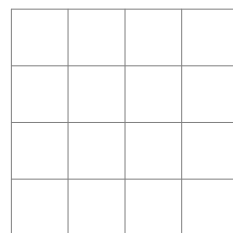
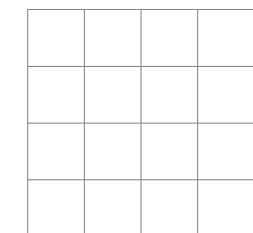
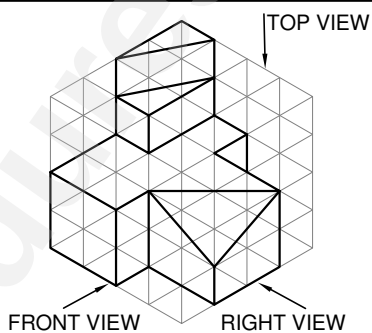
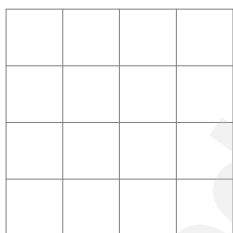
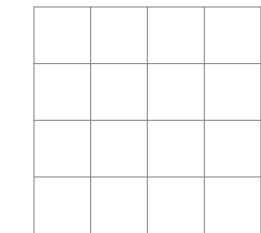
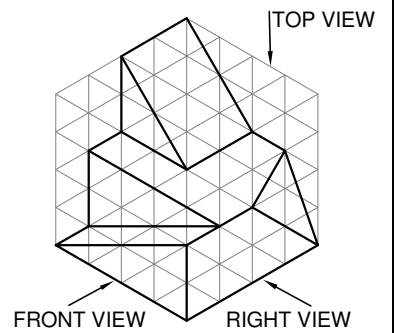
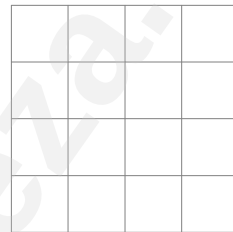
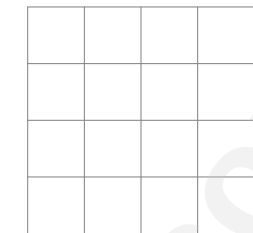
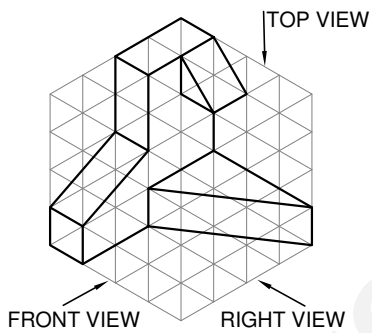
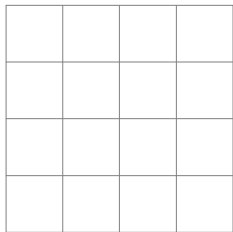
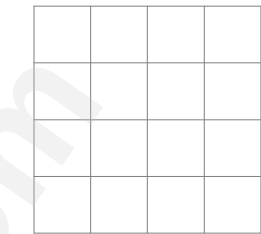
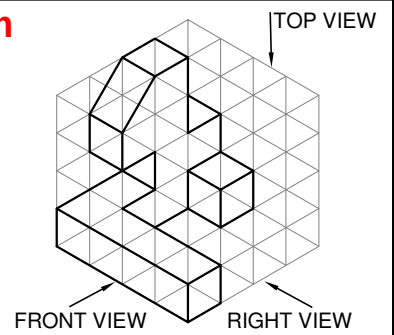
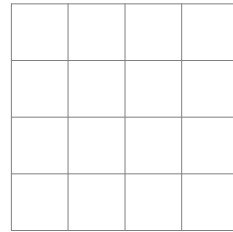
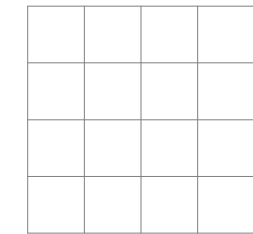
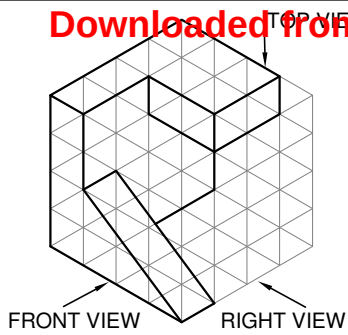
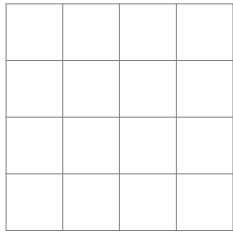


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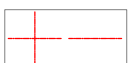


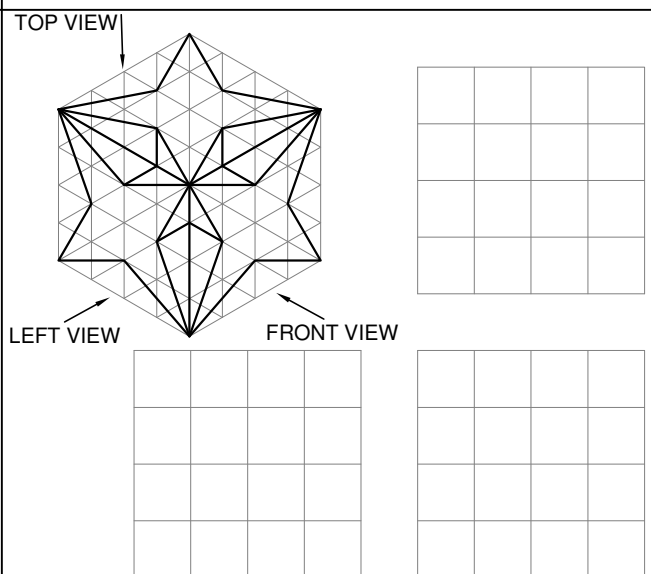
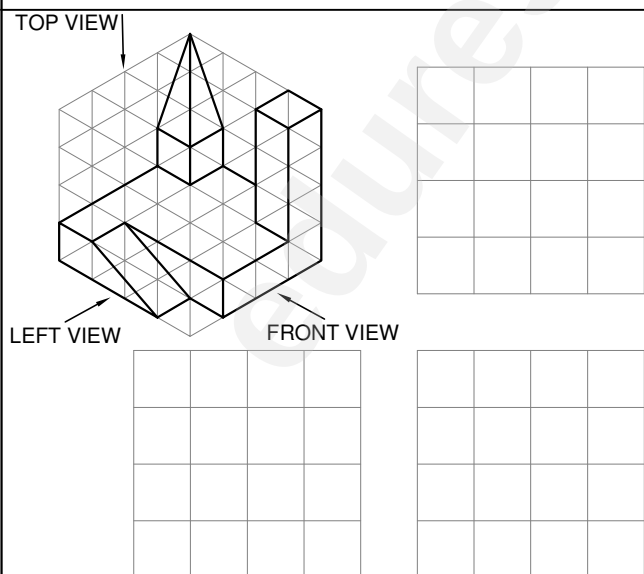
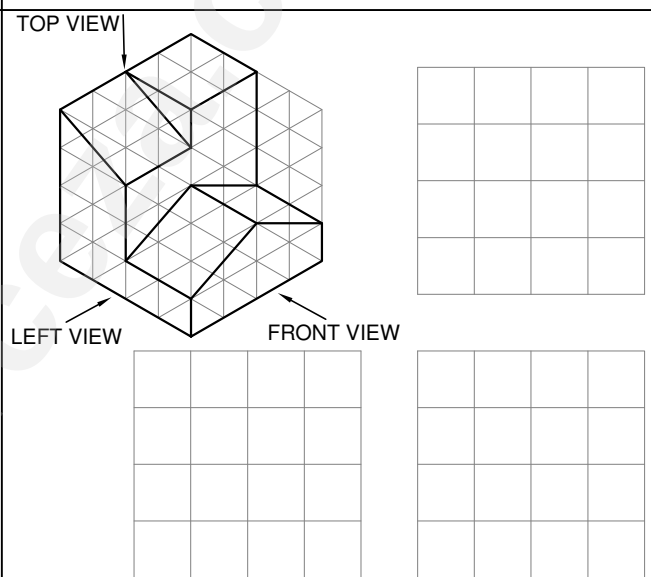
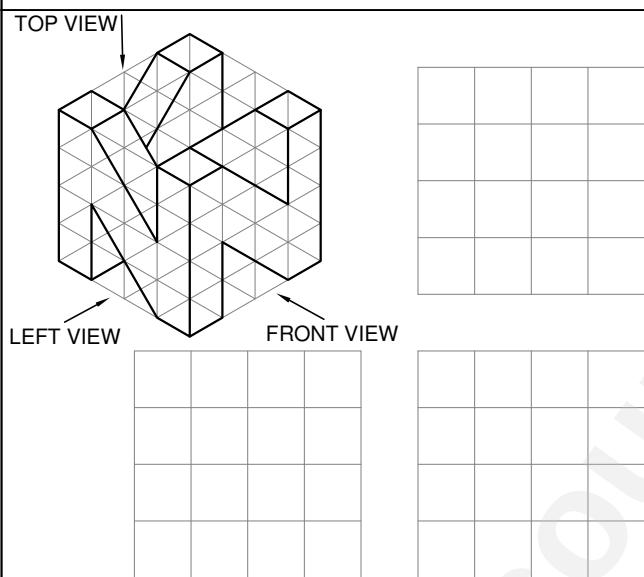
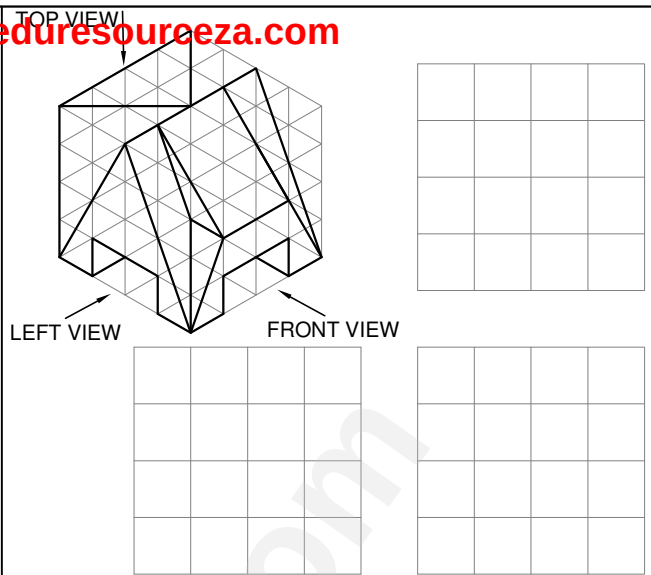
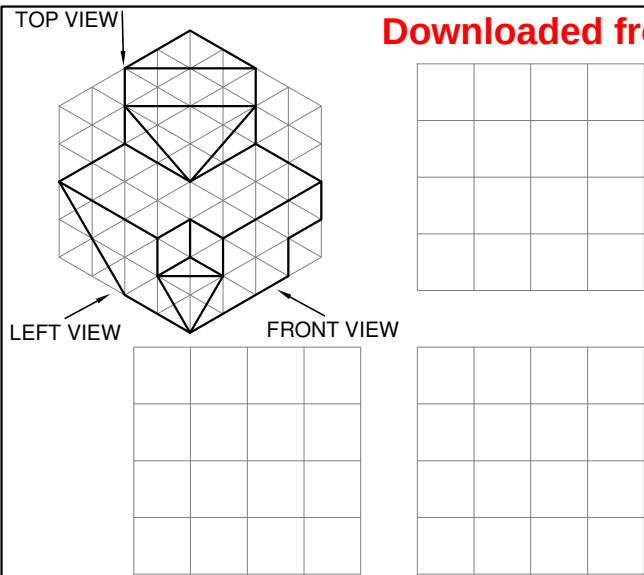


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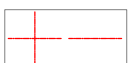


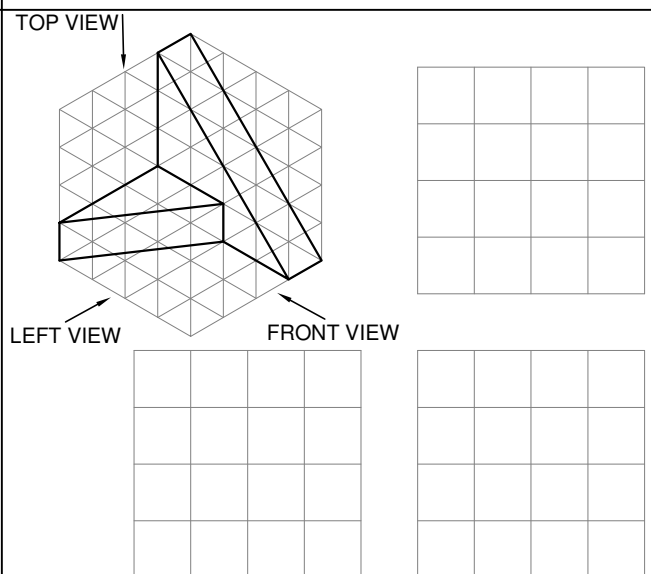
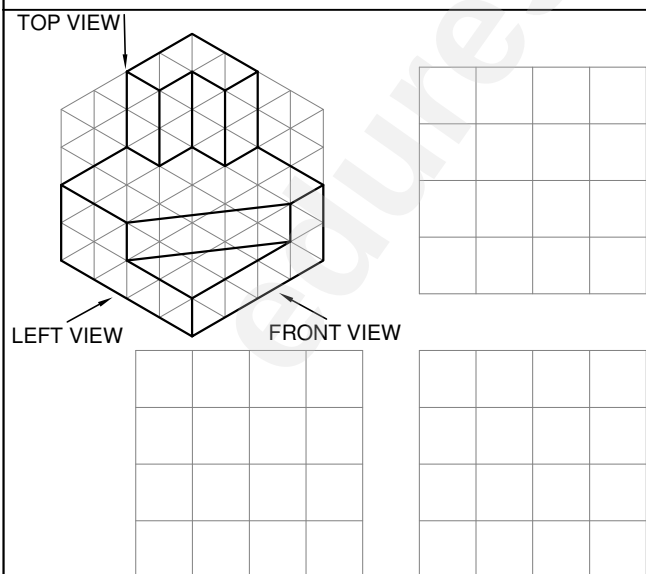
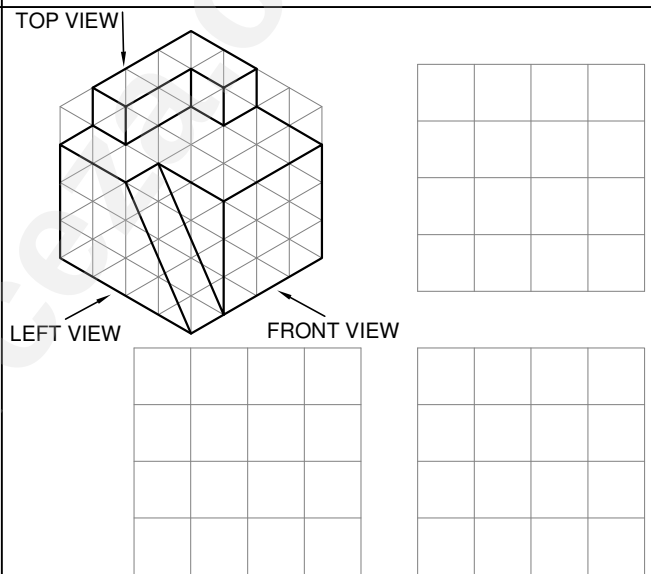
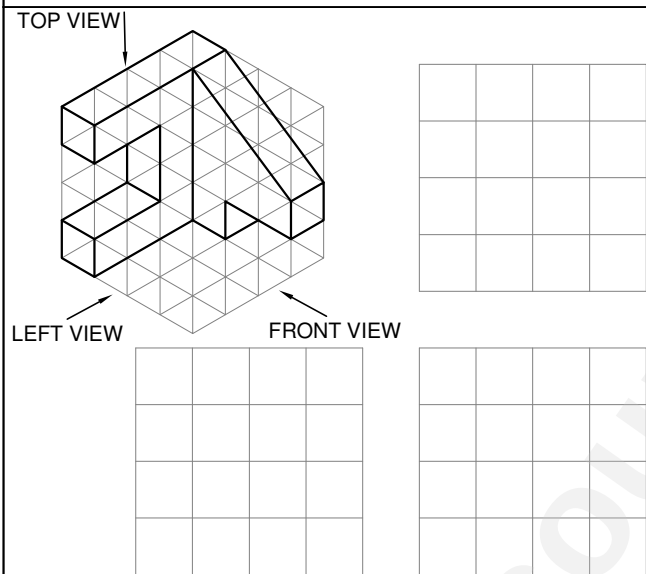
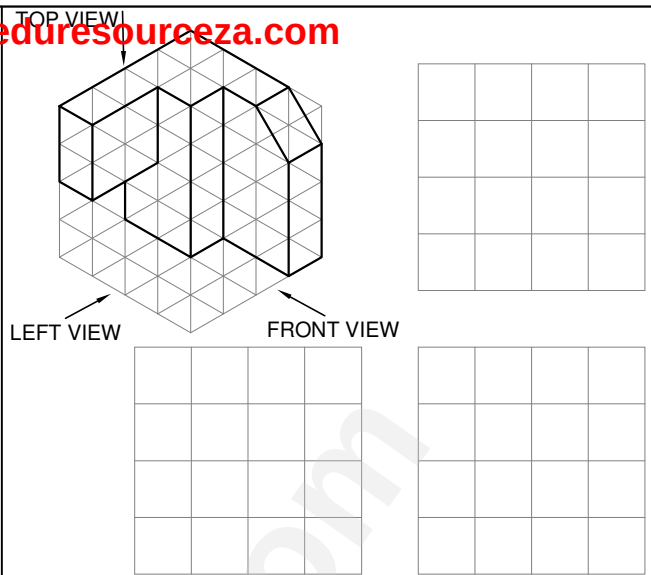
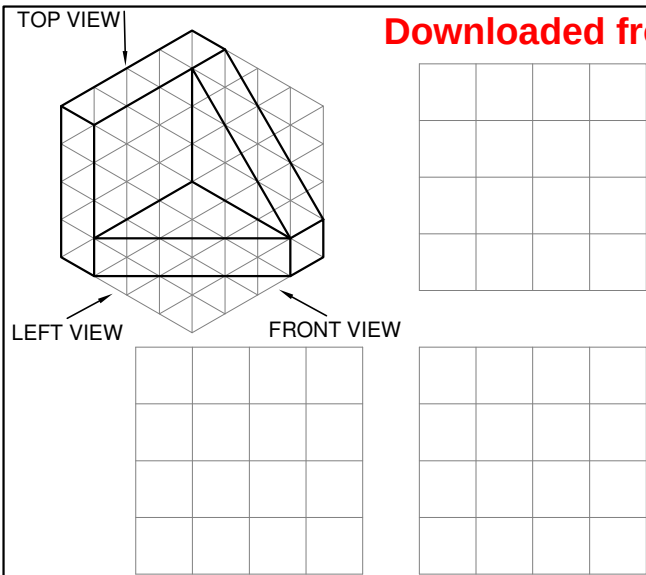


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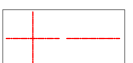


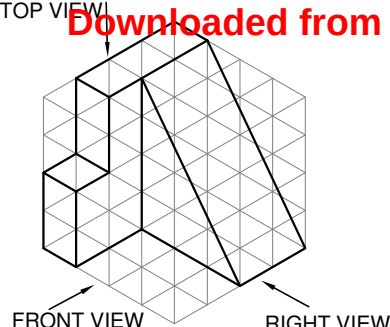
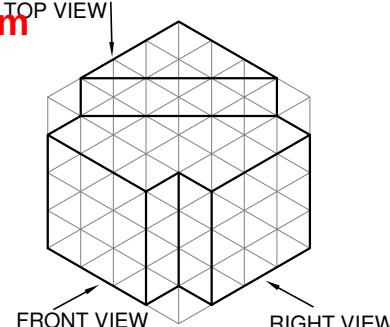
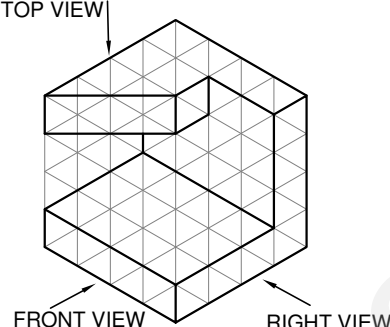
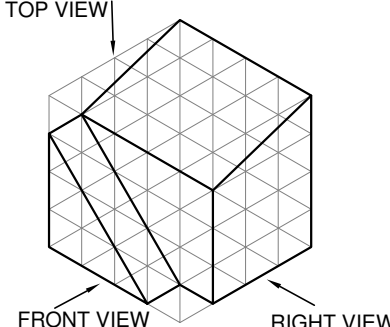
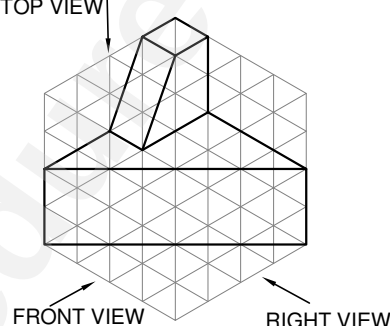
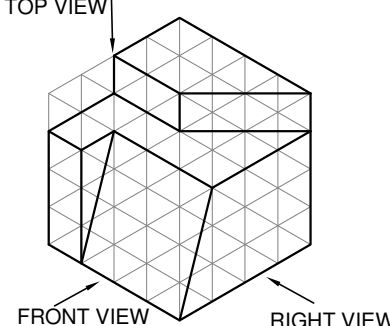


Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

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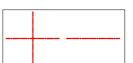


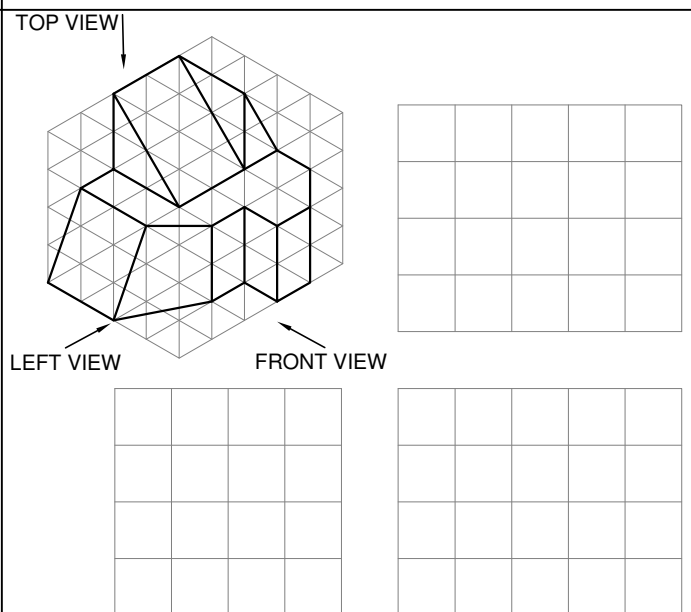
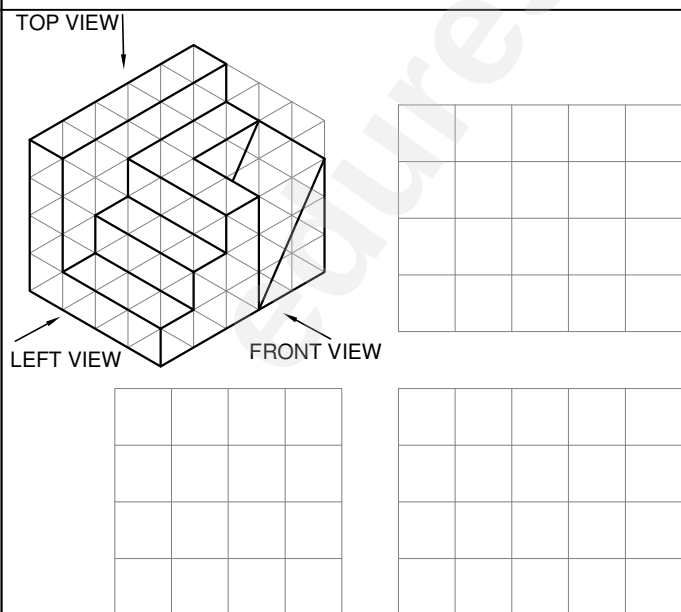
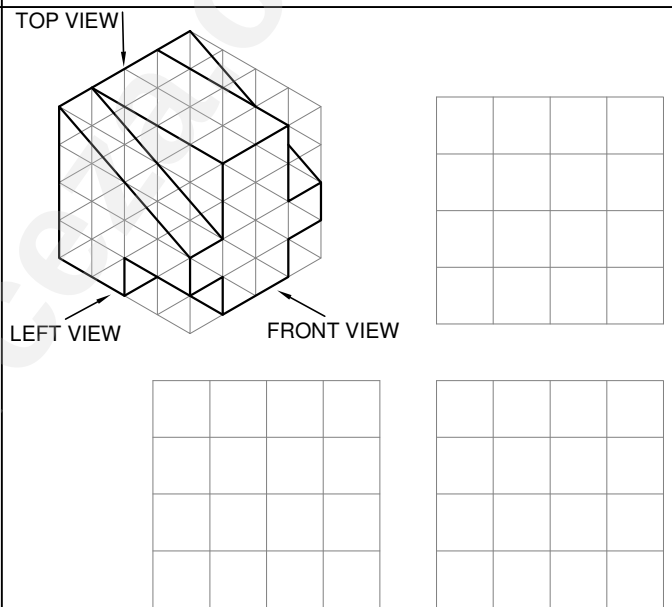
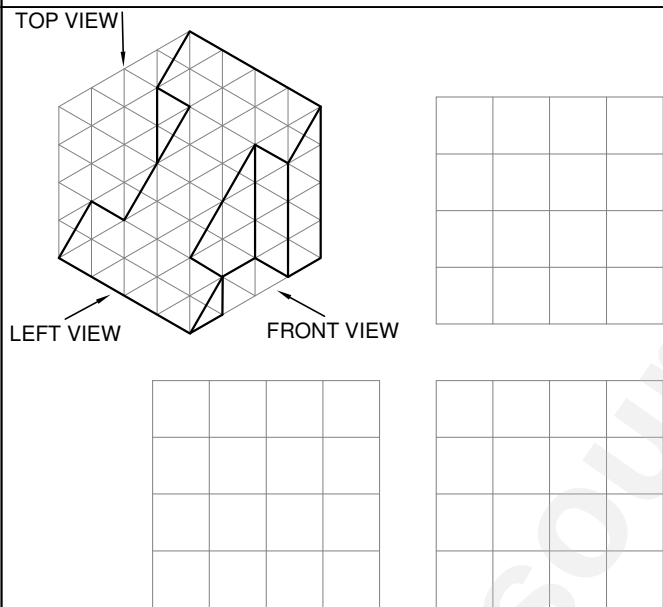
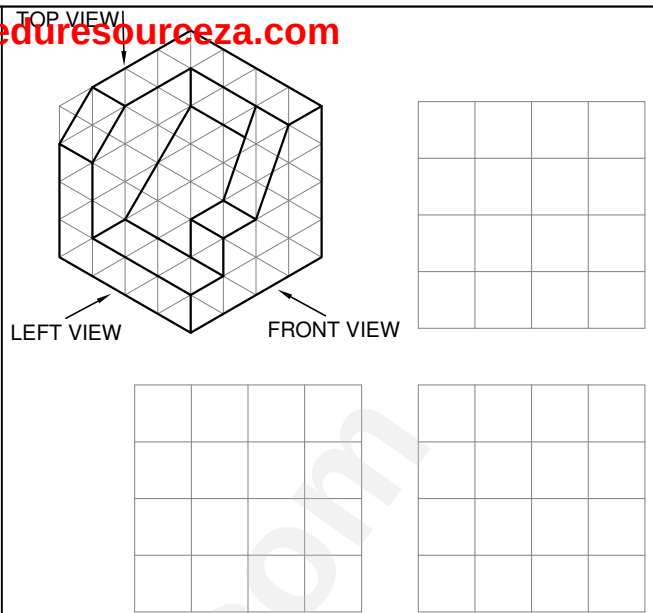
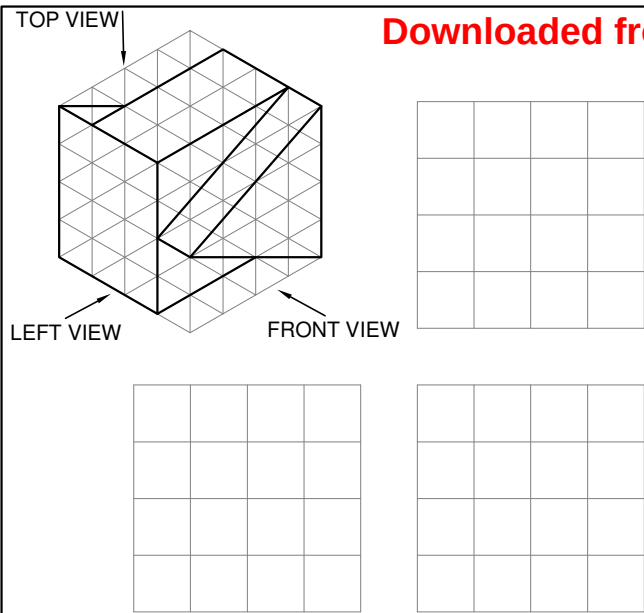
 TOP VIEW FRONT VIEW RIGHT VIEW	 TOP VIEW FRONT VIEW RIGHT VIEW
 TOP VIEW FRONT VIEW RIGHT VIEW	 TOP VIEW FRONT VIEW RIGHT VIEW
 TOP VIEW FRONT VIEW RIGHT VIEW	 TOP VIEW FRONT VIEW RIGHT VIEW

Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

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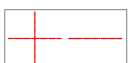


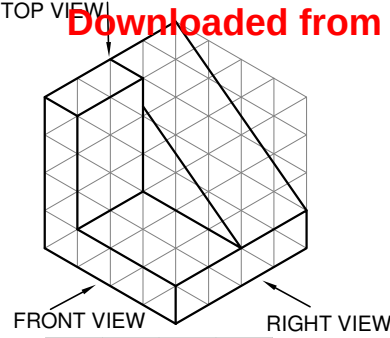
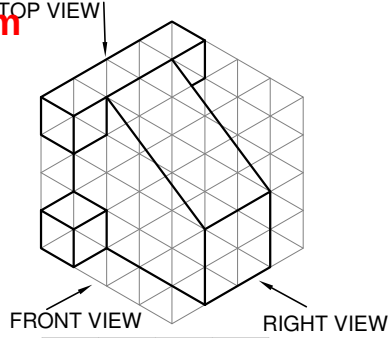
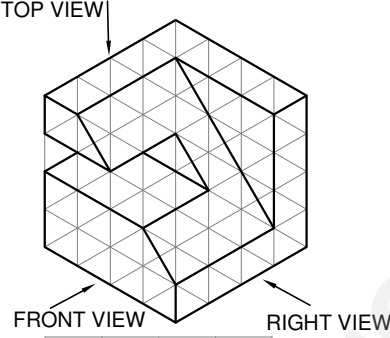
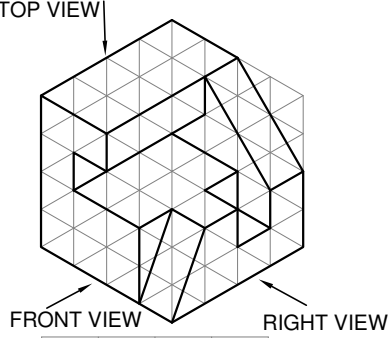
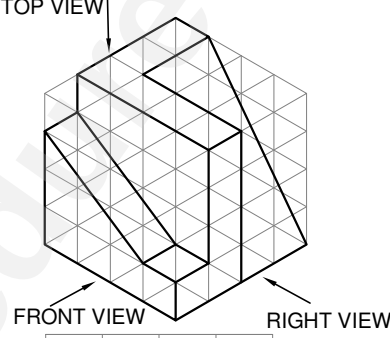
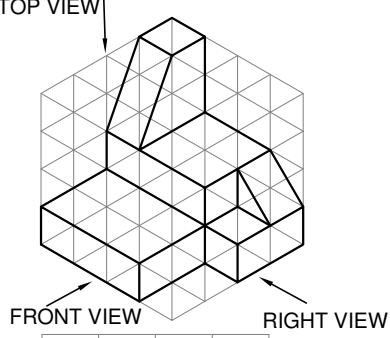


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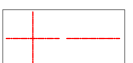


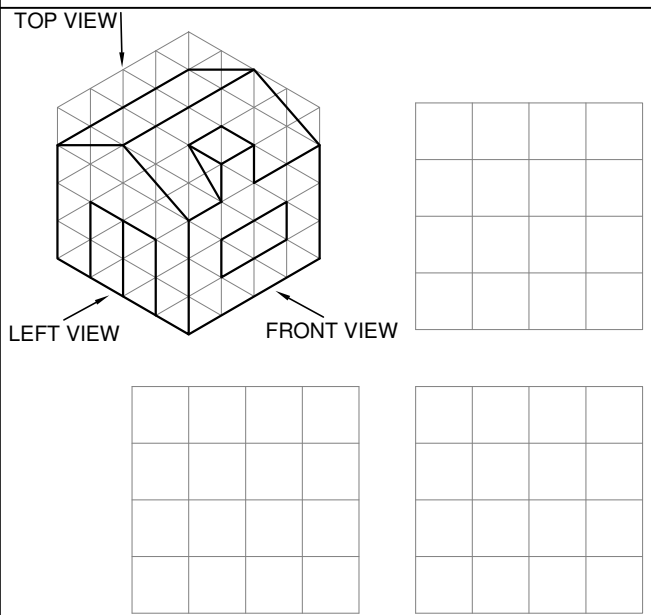
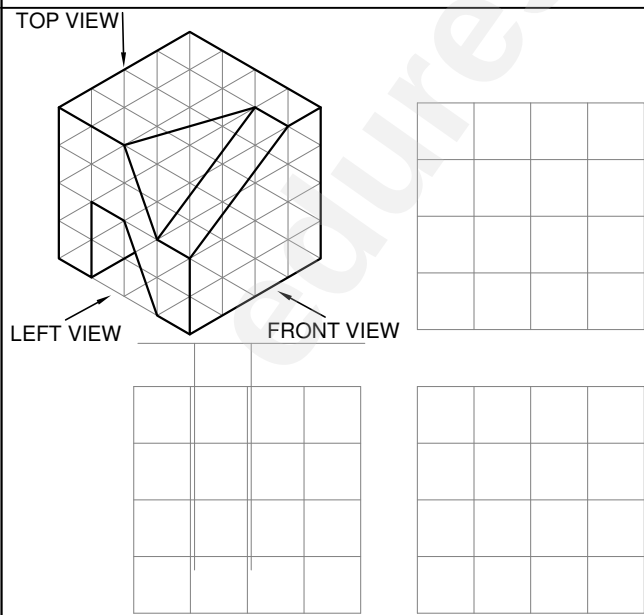
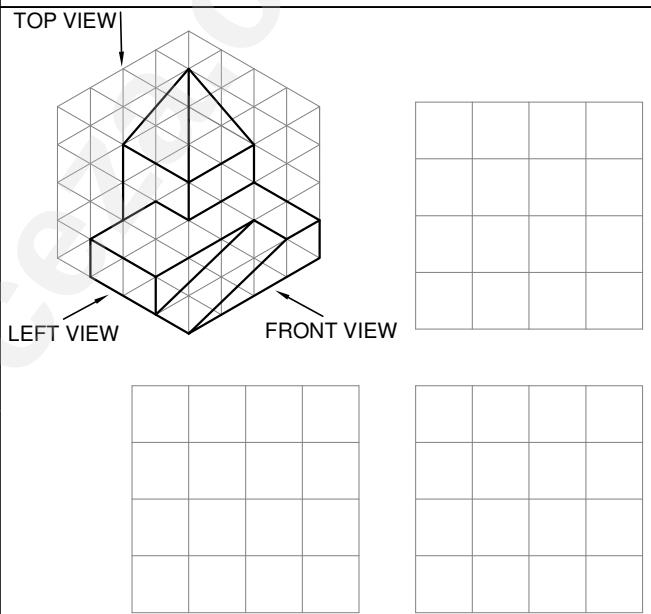
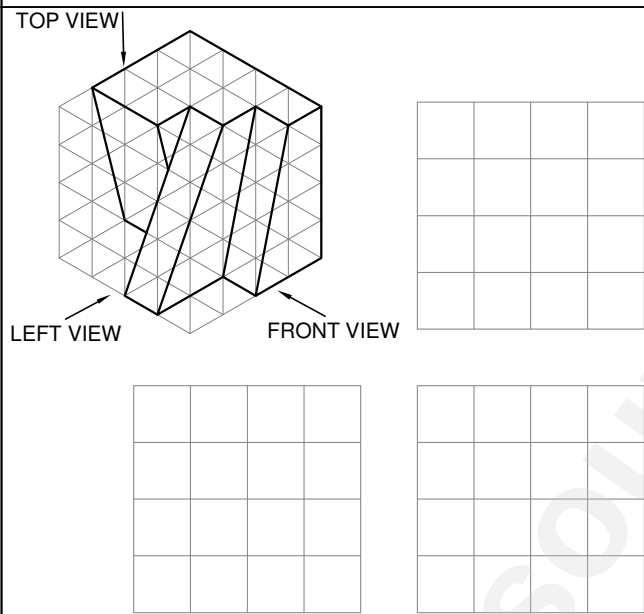
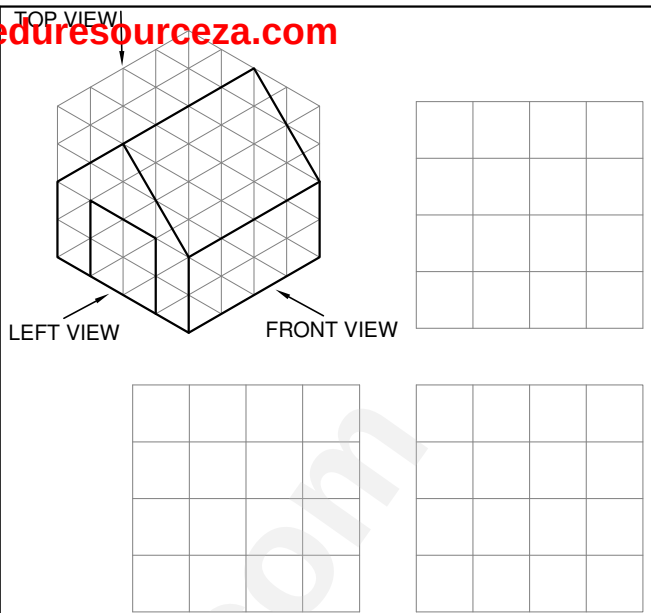
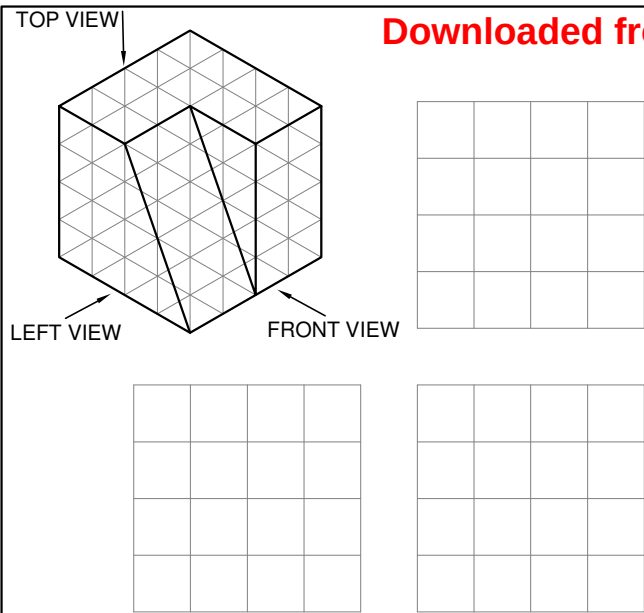
 TOP VIEW FRONT VIEW RIGHT VIEW	 TOP VIEW FRONT VIEW RIGHT VIEW
 TOP VIEW FRONT VIEW RIGHT VIEW	 TOP VIEW FRONT VIEW RIGHT VIEW
 TOP VIEW FRONT VIEW RIGHT VIEW	 TOP VIEW FRONT VIEW RIGHT VIEW

Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

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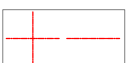


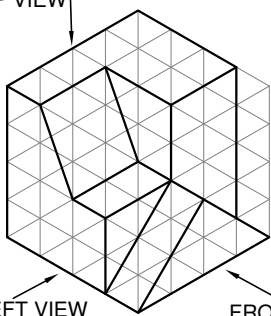
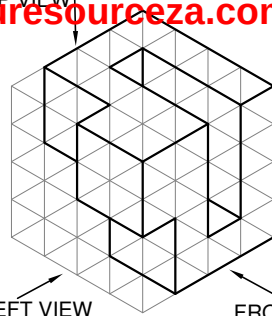
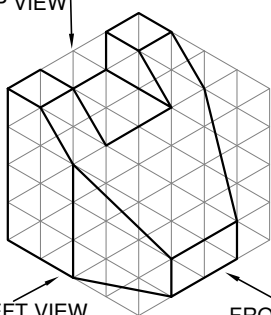
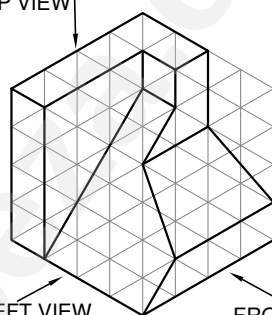
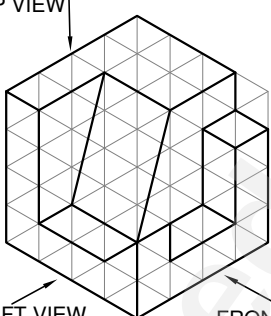
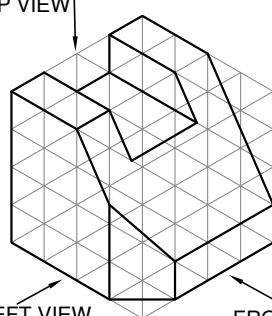


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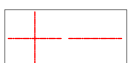


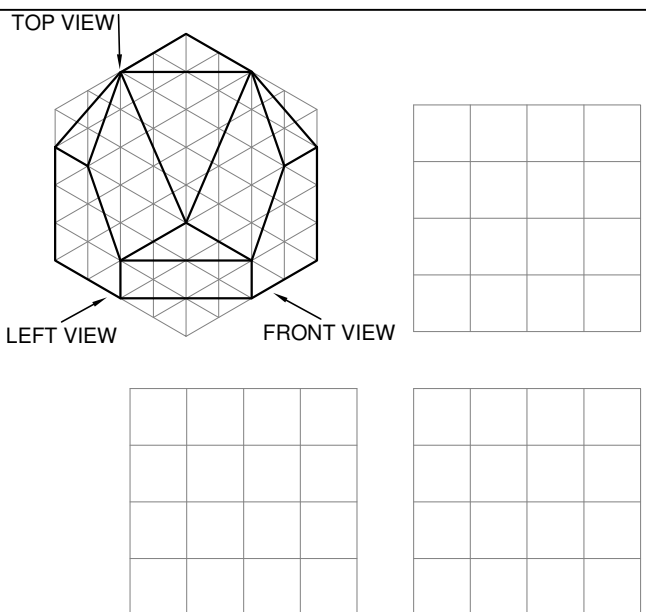
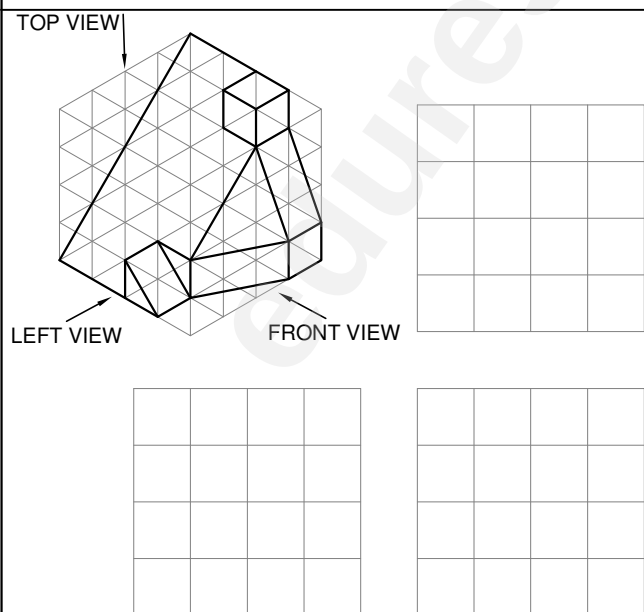
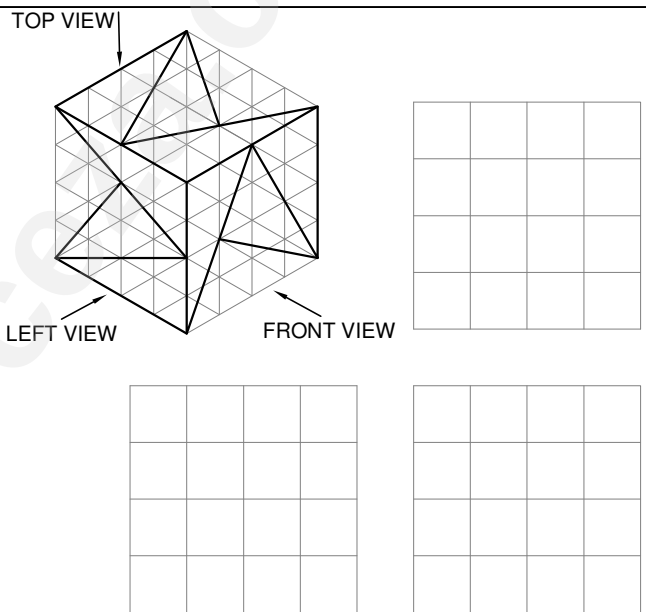
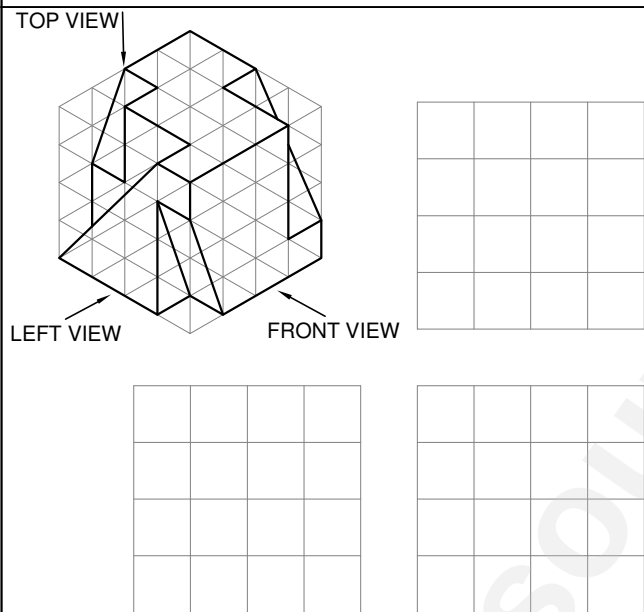
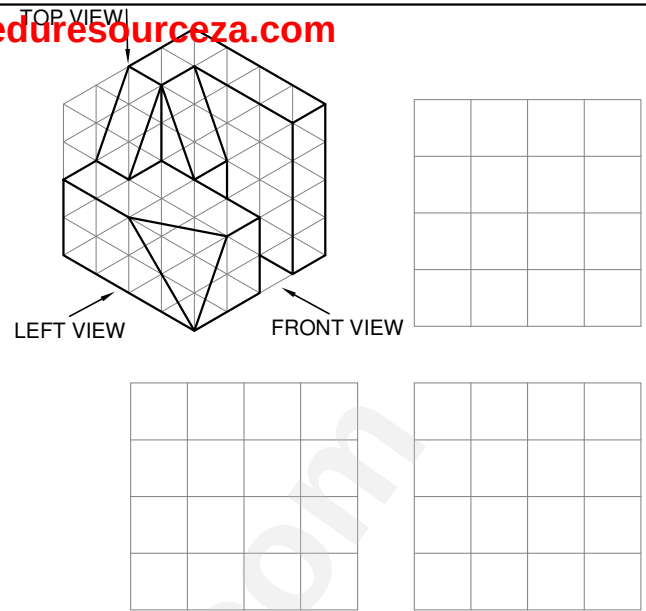
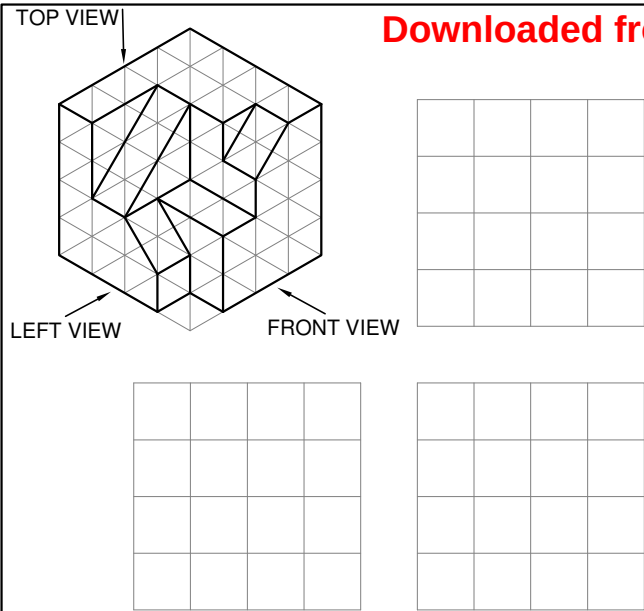
TOP VIEW  LEFT VIEW FRONT VIEW	TOP VIEW  LEFT VIEW FRONT VIEW
TOP VIEW  LEFT VIEW FRONT VIEW	TOP VIEW  LEFT VIEW FRONT VIEW
TOP VIEW  LEFT VIEW FRONT VIEW	TOP VIEW  LEFT VIEW FRONT VIEW

Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

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