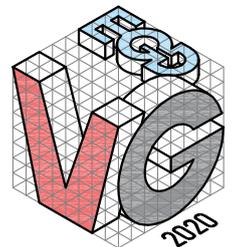
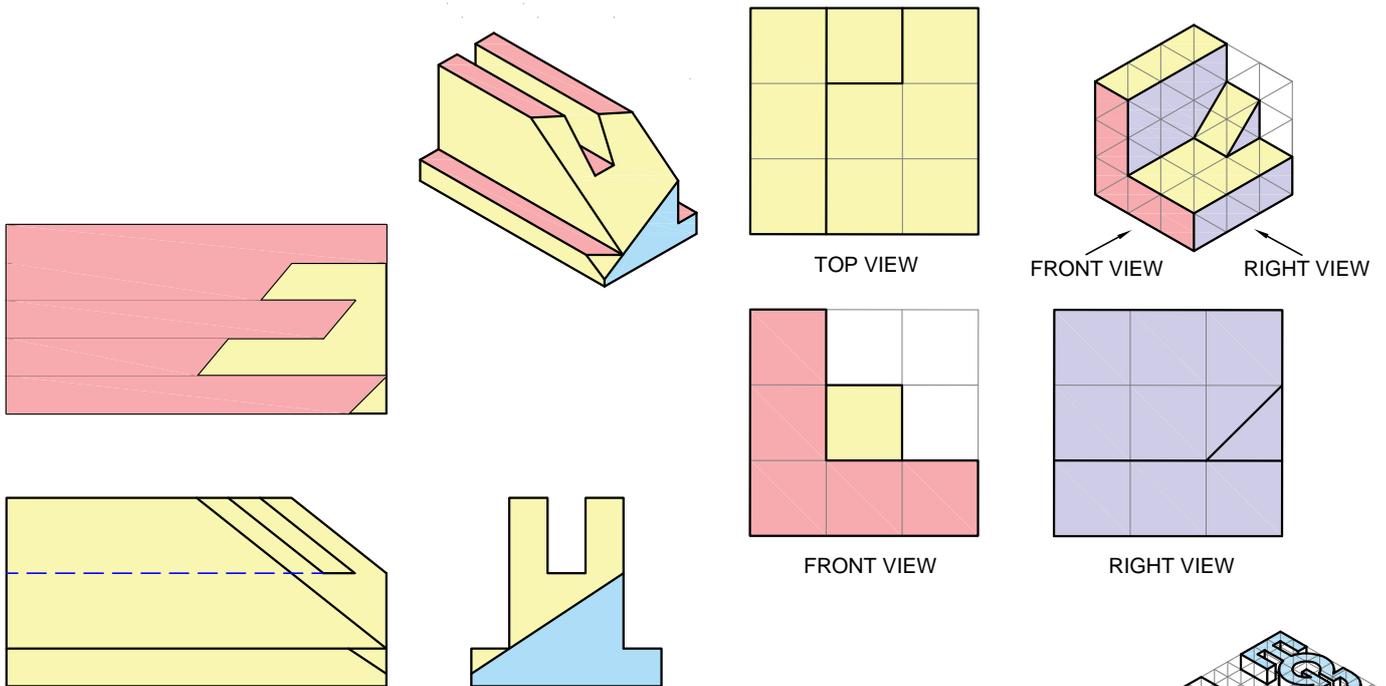
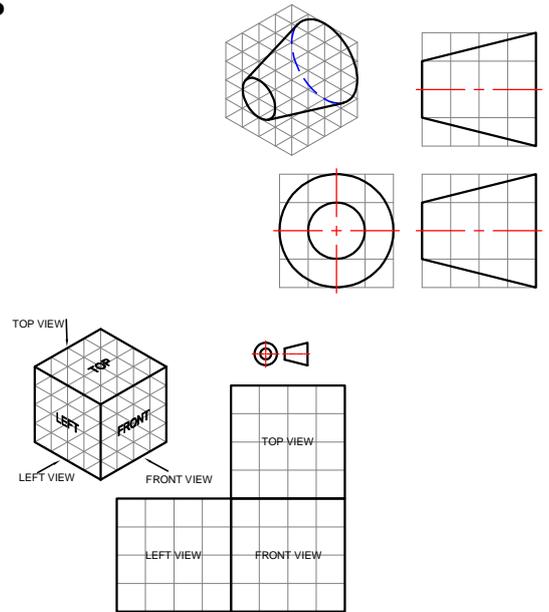
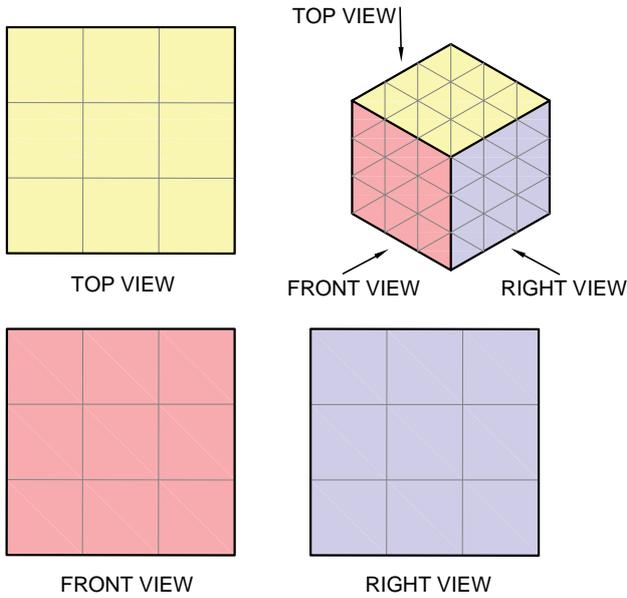


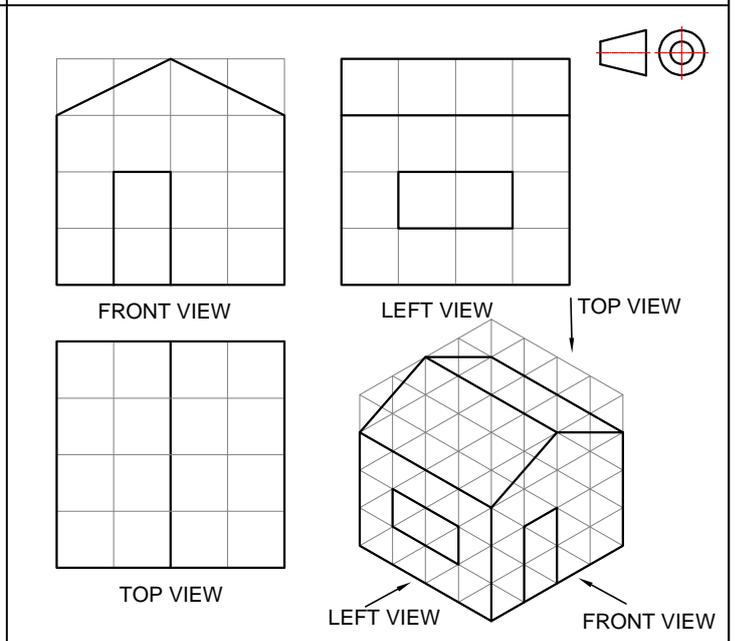
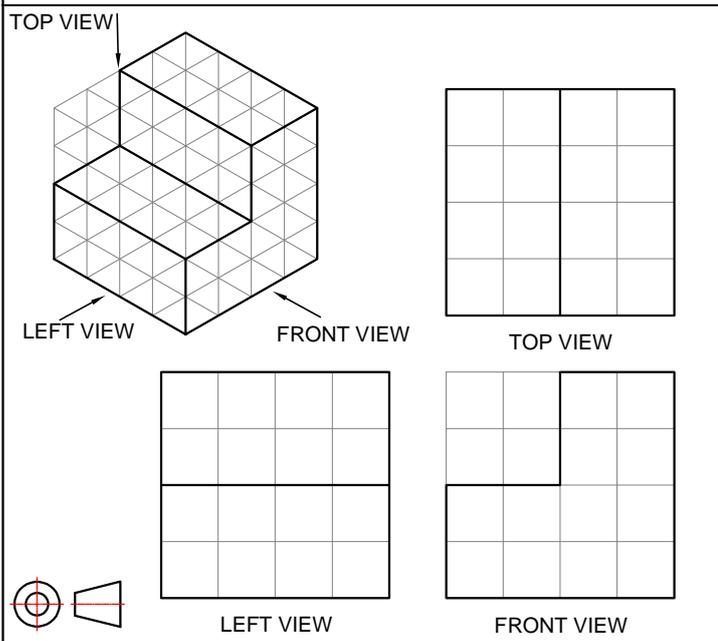
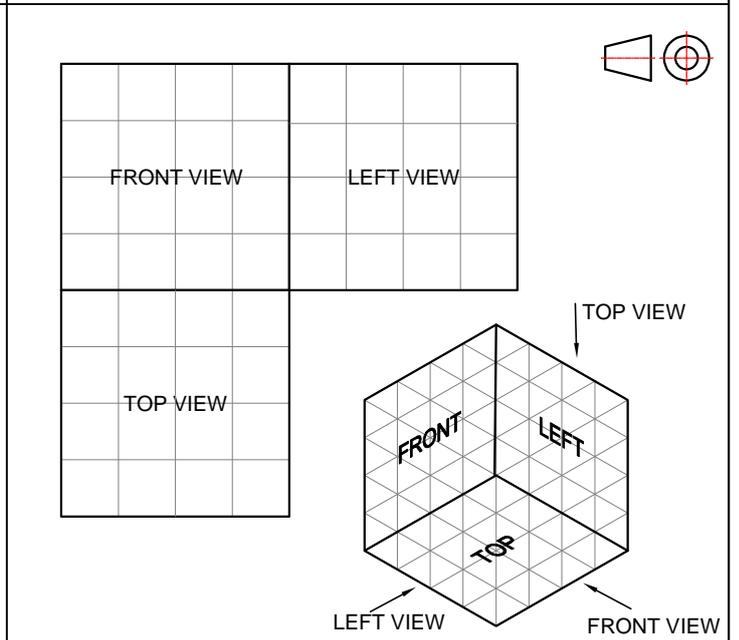
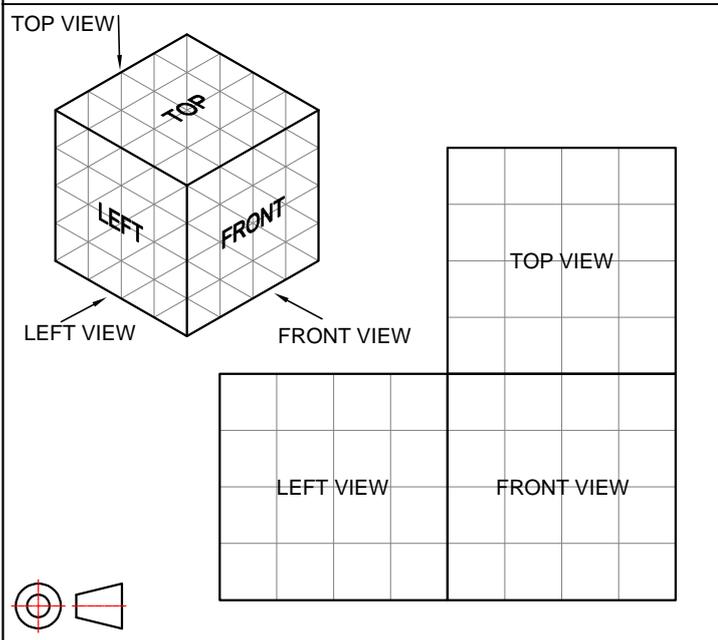
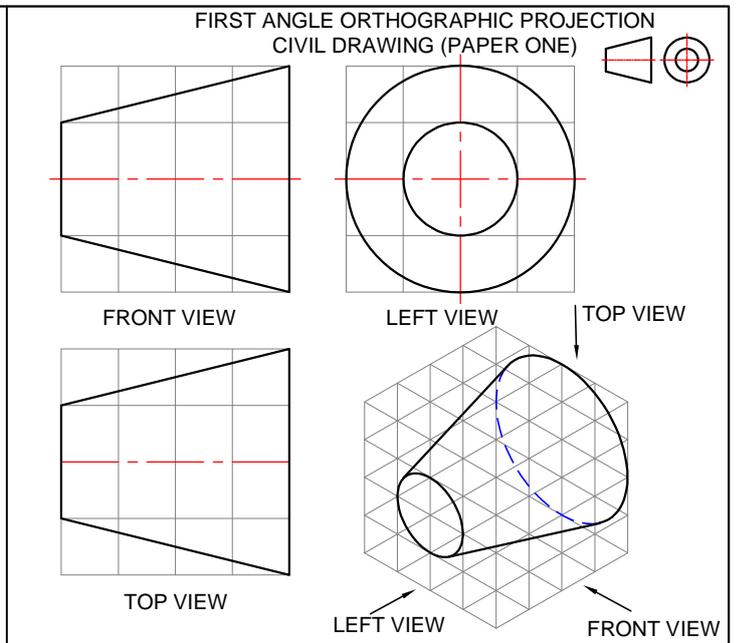
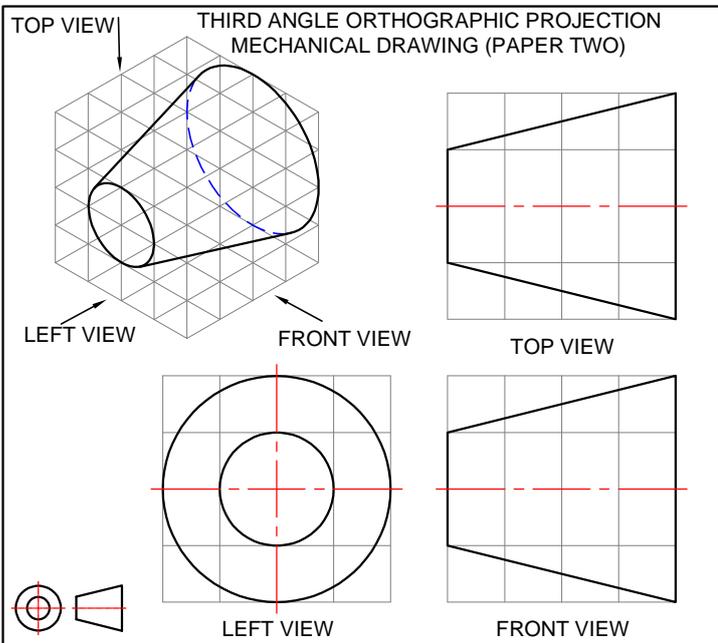
GRID

ORTHOGRAPHIC DRAWING

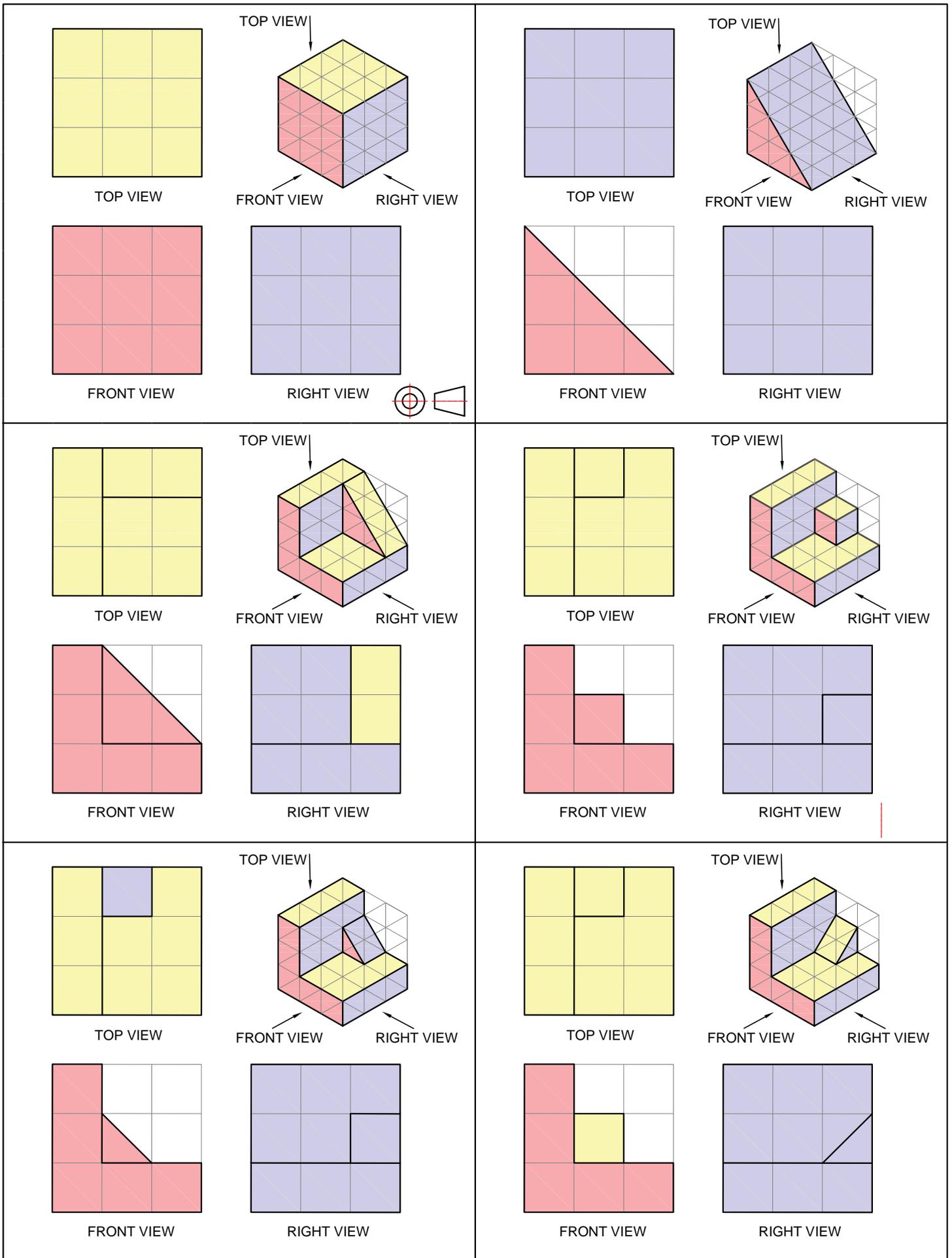
3rd ANGLE

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





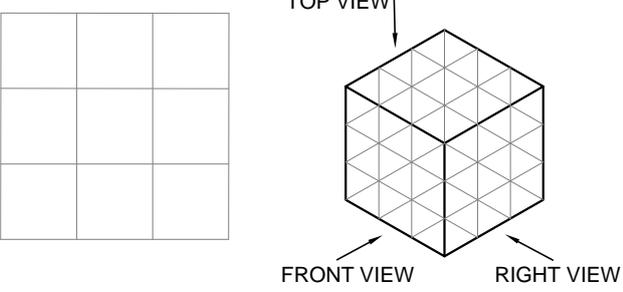
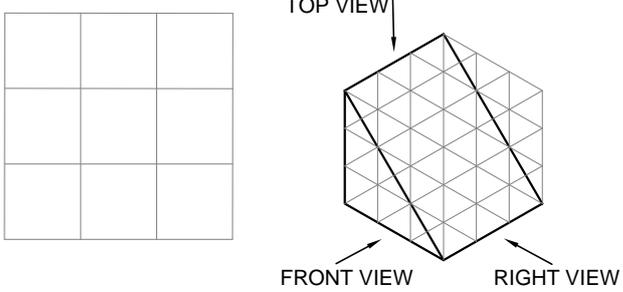
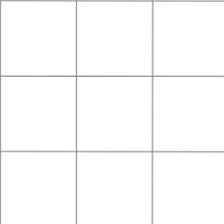
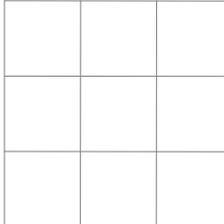
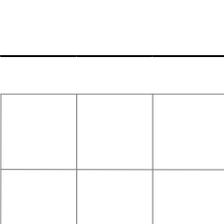
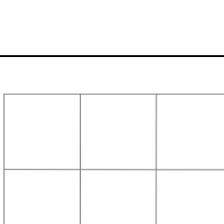
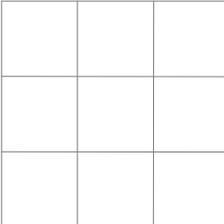
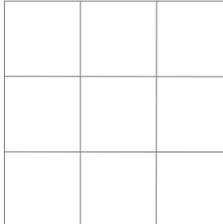
 The above drawings show the two projections that we commonly draw in class. The symbols are also shown. We will, in the exercises that follow in this module, draw in third angle orthographic projection. Using the given isometric drawings, draw in third angle orthographic projection the **FRONT, TOP** and **SIDE VIEWS**. Label the views as shown by the arrows in the isometric view. **Show all hidden detail.**

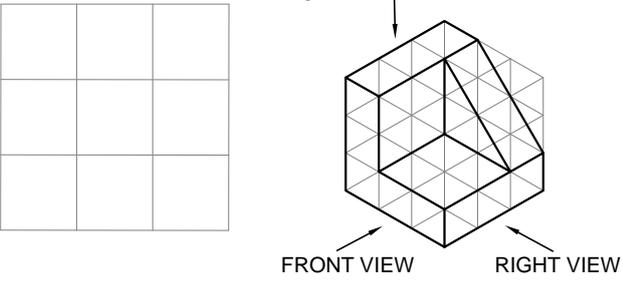
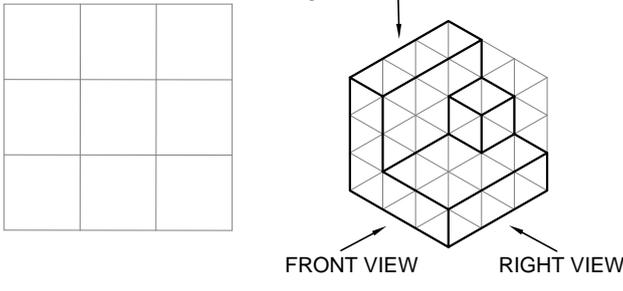
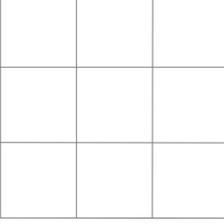
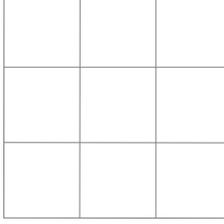
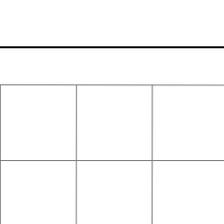
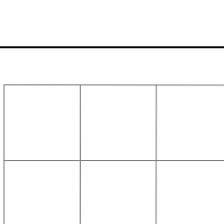
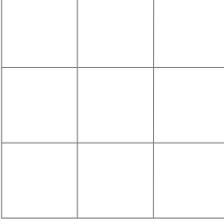
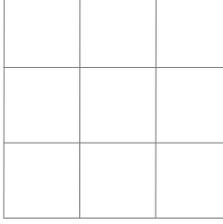


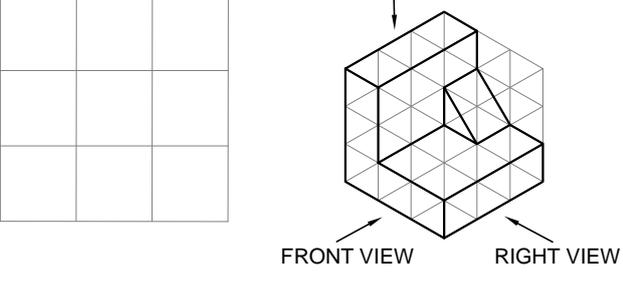
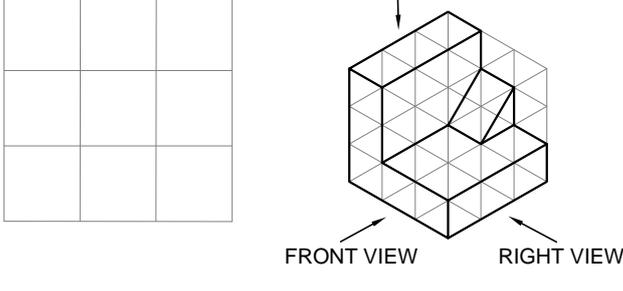
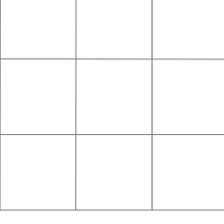
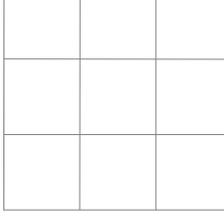
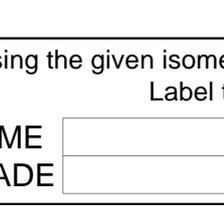
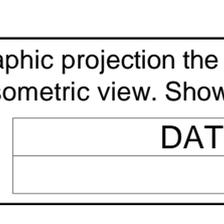
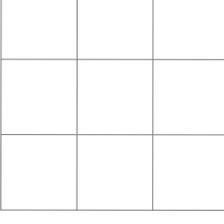
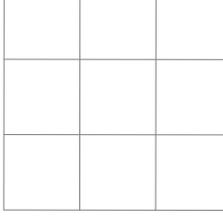
EXAMPLE OF HOW YOU MUST DRAW AND LABEL

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



	<p>TOP VIEW</p>		<p>TOP VIEW</p>

	<p>TOP VIEW</p>		<p>TOP VIEW</p>

	<p>TOP VIEW</p>		<p>TOP VIEW</p>

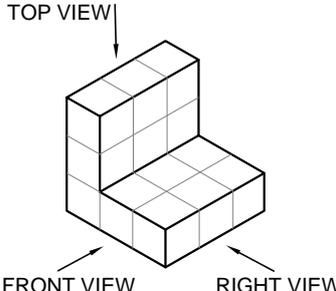
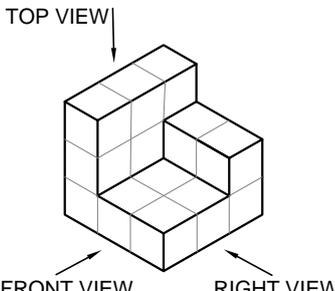
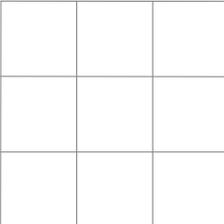
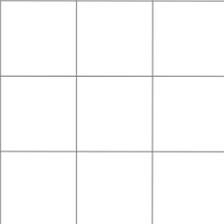
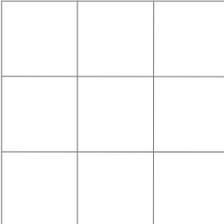
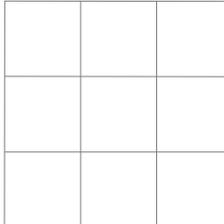
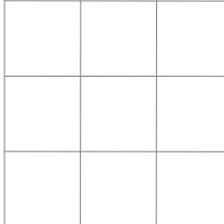
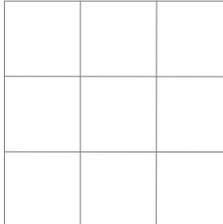
Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

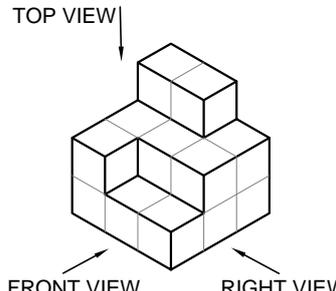
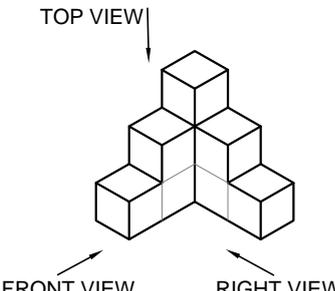
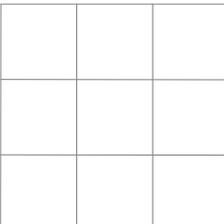
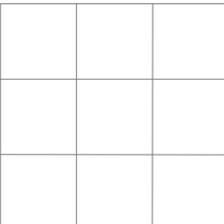
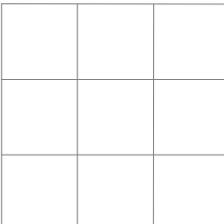
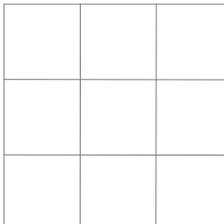
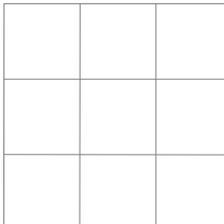
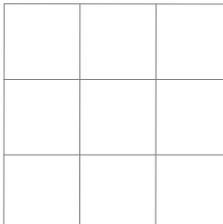
NAME

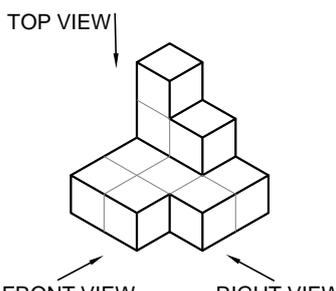
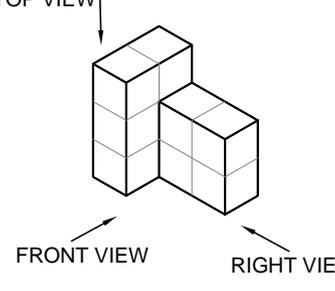
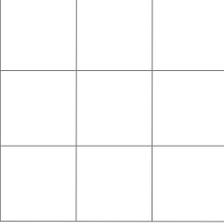
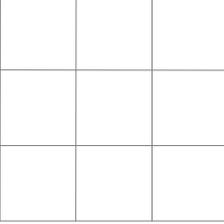
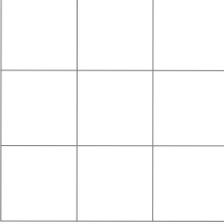
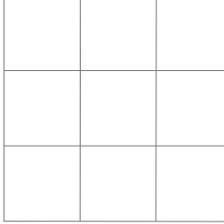
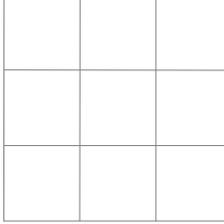
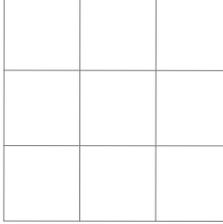
GRADE

DATE



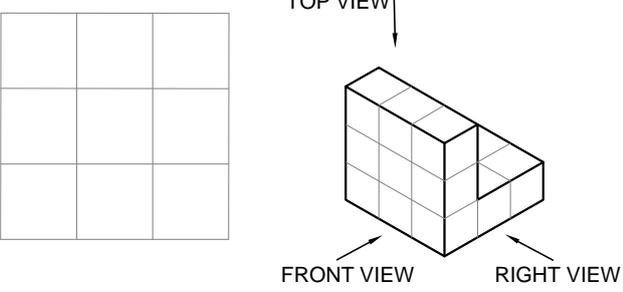
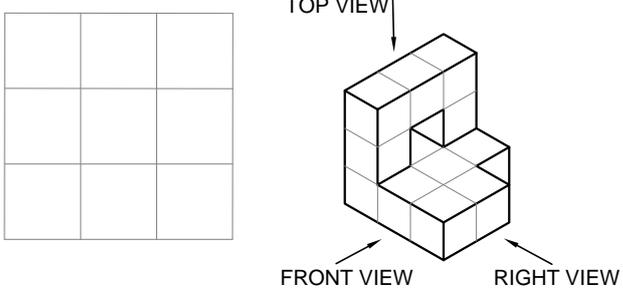
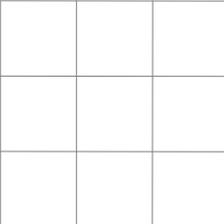
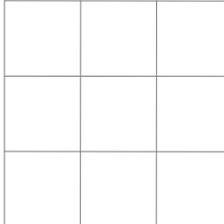
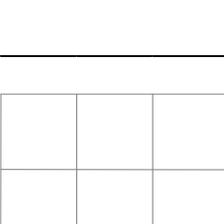
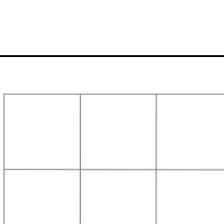
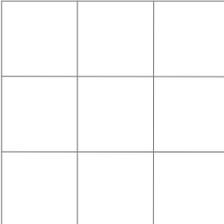
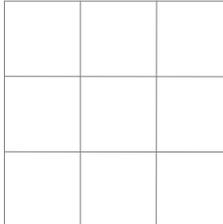
	
  	  

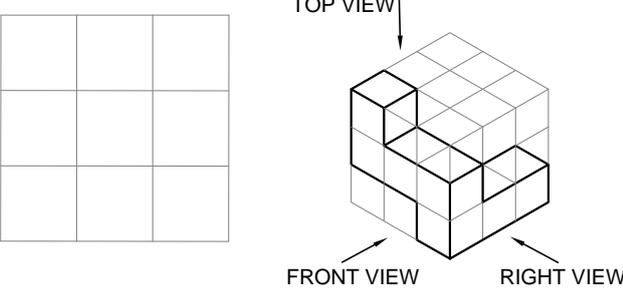
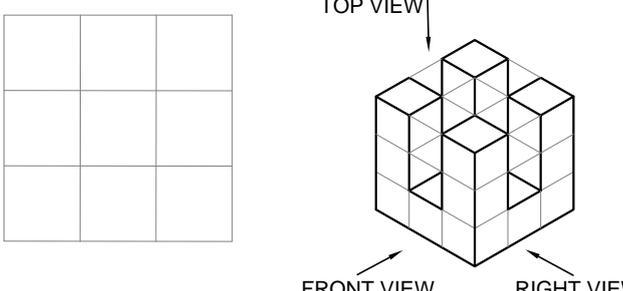
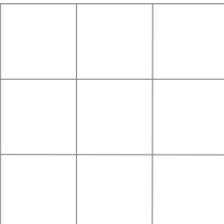
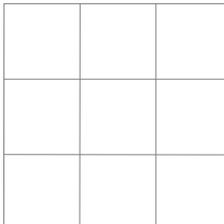
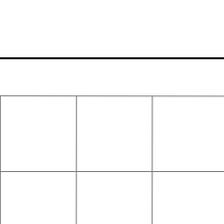
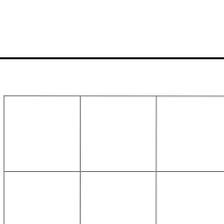
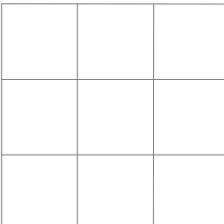
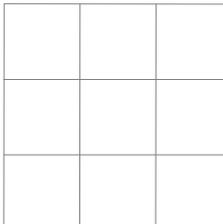
Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

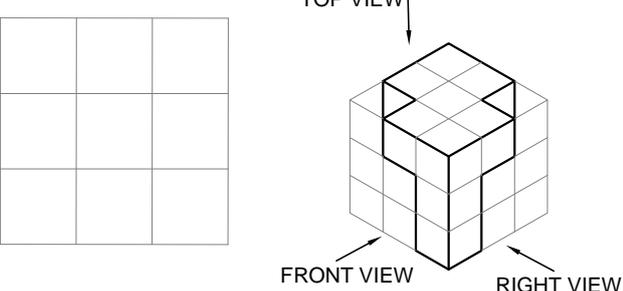
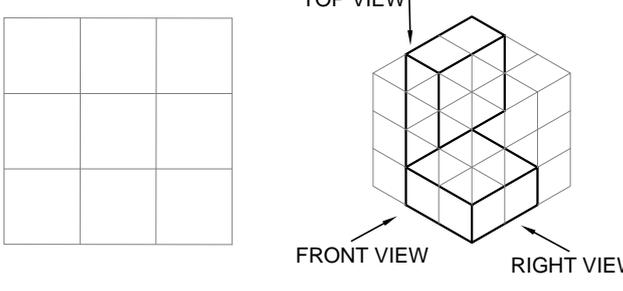
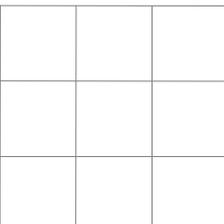
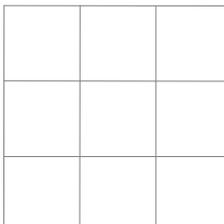
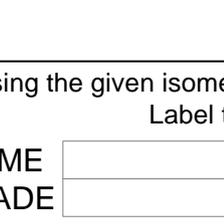
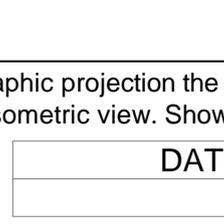
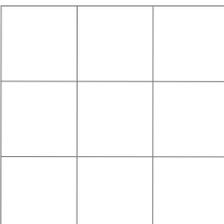
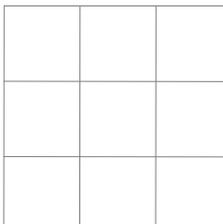
NAME
 GRADE

DATE



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



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.

NAME

GRADE

DATE



TOP VIEW

LEFT VIEW

FRONT VIEW

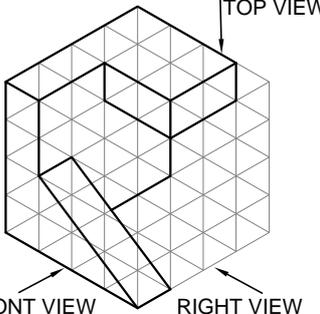
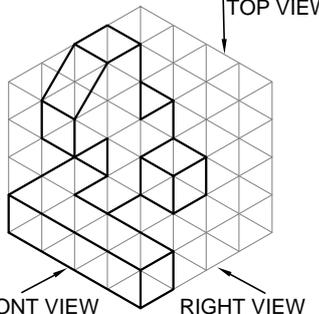
Using the given isometric drawings, draw in third angle orthographic projection the FRONT, TOP and SIDE VIEWS. Label the views as shown by the arrows in the isometric view. Show hidden all detail.

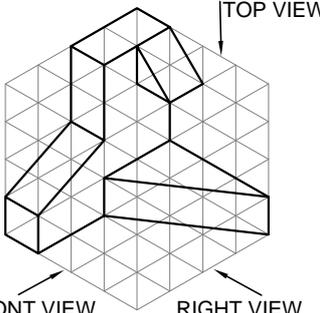
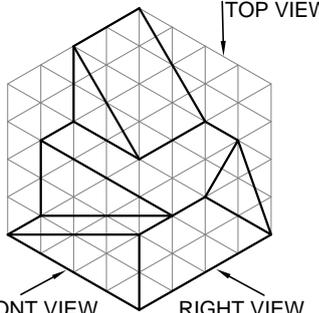
NAME

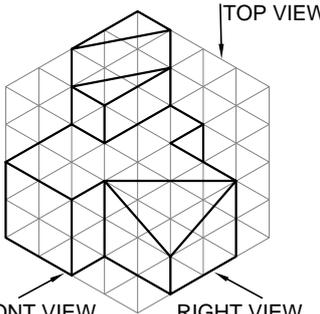
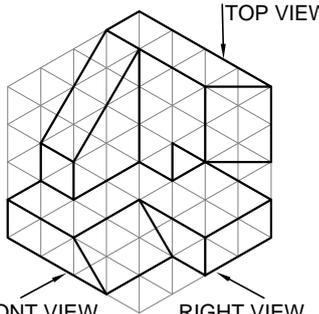
GRADE

DATE



 <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>	 <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>
--	--

 <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>	 <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>
--	--

 <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>	 <div style="display: flex; justify-content: space-around;"> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 45%; height: 100px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>
---	---

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



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.

NAME

GRADE

DATE



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.

NAME

GRADE

DATE



<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>	<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>
---	---

<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>	<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>
---	---

<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>	<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> <div style="width: 40px; height: 40px; border: 1px solid black; grid-template-columns: repeat(4, 1fr); grid-template-rows: repeat(4, 1fr);"></div> </div>
---	---

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



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.

NAME

GRADE

DATE



<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div>	<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div>

<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div>	<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div>

<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div>	<div style="text-align: center;">TOP VIEW</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">FRONT VIEW</div> <div style="text-align: center;">RIGHT VIEW</div> </div>

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



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.

NAME

GRADE

DATE



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.

NAME

GRADE

DATE



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.

NAME

GRADE

DATE

