PROJECTIONS

STUDENT BOOK	Chapter 11, page 344
TOOLBOX	Pages 70–72

GOAL

Observe an object and draw it using various projections.

OBSERVATION CRITERIA

1. Name three types of projections that may be used to represent an object.			
2.	What is a perspective drawing? Name two types of projections by which it is possible to obtain a perspective drawing.		

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ረ.	What is an orthogonal projection? Give two examples of orthogonal projections.

4. What are the three usual views in a multiview projection?	

- **5.** What projection shows one or several edges in the foreground?
- f b. An oblique projection permits the presentation of two dimensions in which measurements and angles are shown precisely. What are these dimensions?
- 7. What are the advantages of combining a multiview projection with an isometric projection?

REFLECTING ON YOUR OBSERVATIONS

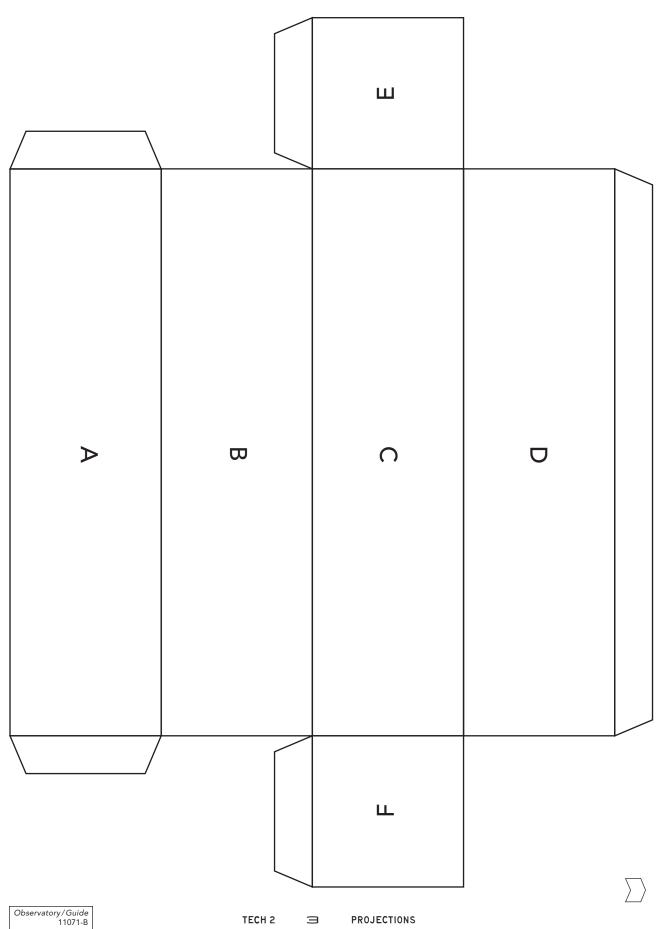
1. What projection was easiest for you to create? Explain why.		
2.	What projection was most difficult for you to create? Explain why.	

3. In the table below, give at least one advantage and one disadvantage for each type of projection.

Projection	Multiview	Isometric	Oblique
ADVANTAGE			
DISADVANTAGE			

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Rectangular prism (to cut out and assemble)



TECH 2

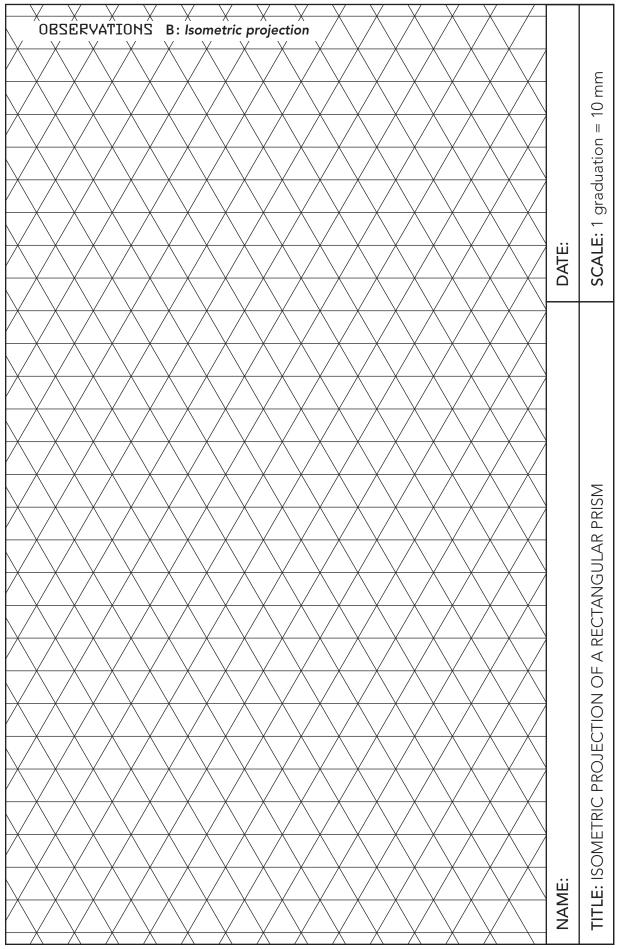
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PROJECTIONS

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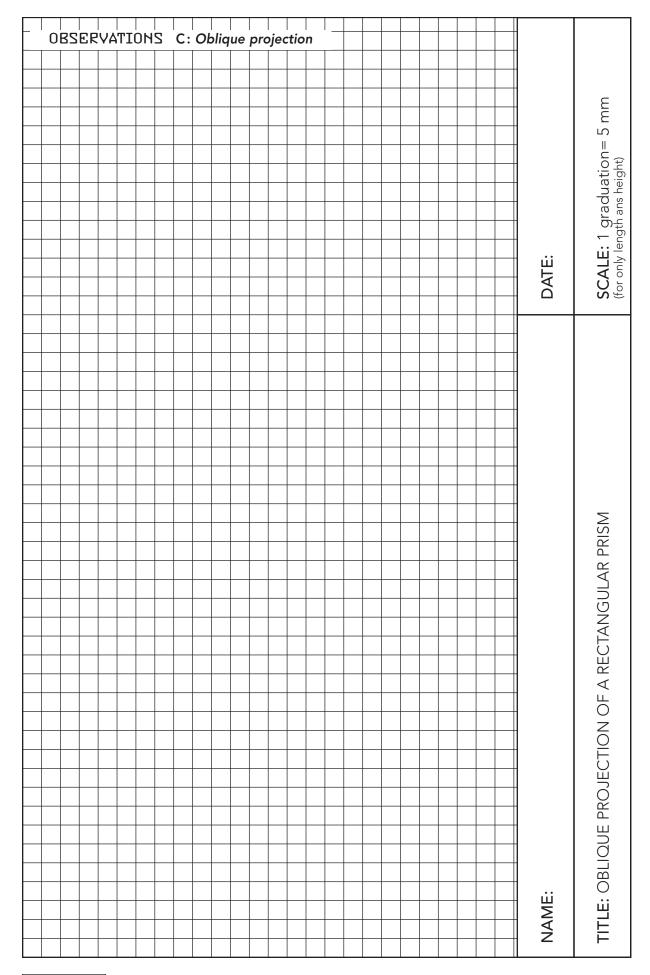
		View:	DATE:	SCALE: 1:1
OBSERVATIONS A: Multiview projection	View:	View:		TITLE: MULTIVIEW PROJECTION OF A RECTANGULAR PRISM
OBSERVATIONS			NAME:	TITLE: MULTIVIE\

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