

Section 3 Models in Science

Main Idea

Why are models necessary?

I found this information on page 14

Types of Models

I found this information on page 14-15

Making Models

I found this information on page 15

Details

Summarize in a short paragraph how models are helpful.

Organize information in the chart to describe the three types of models and their uses.

Models		
Type	Description	Use
Physical		
	built using computer software	
		help people understand abstract concepts that often are beyond common experience

Create a diagram of the building in which you live. Provide as much detail as possible so that your model will be accurate. Identify uses for this model.

Section 3 Models in Science (continued)

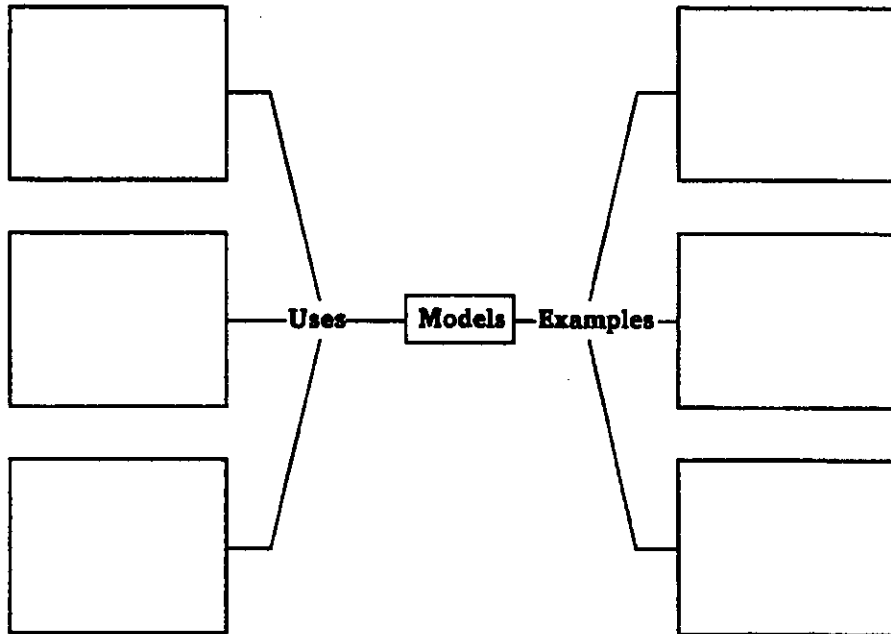
Main Idea

Using Models

I found this information on page 16

Details

Complete the graphic organizer about three ways that models are useful and three examples of scientific models.



Limitations of Models

I found this information on page 16

Identify two reasons that models have limitations and list an example of a model for each reason.

1. _____

2. _____

CONNECT IT

As more has been learned about the solar system, the models used to represent it have changed. What are some other models that might have changed over time as new discoveries were made?

