

Name: _____

1 Use your knowledge of caves to fill in the grid below.

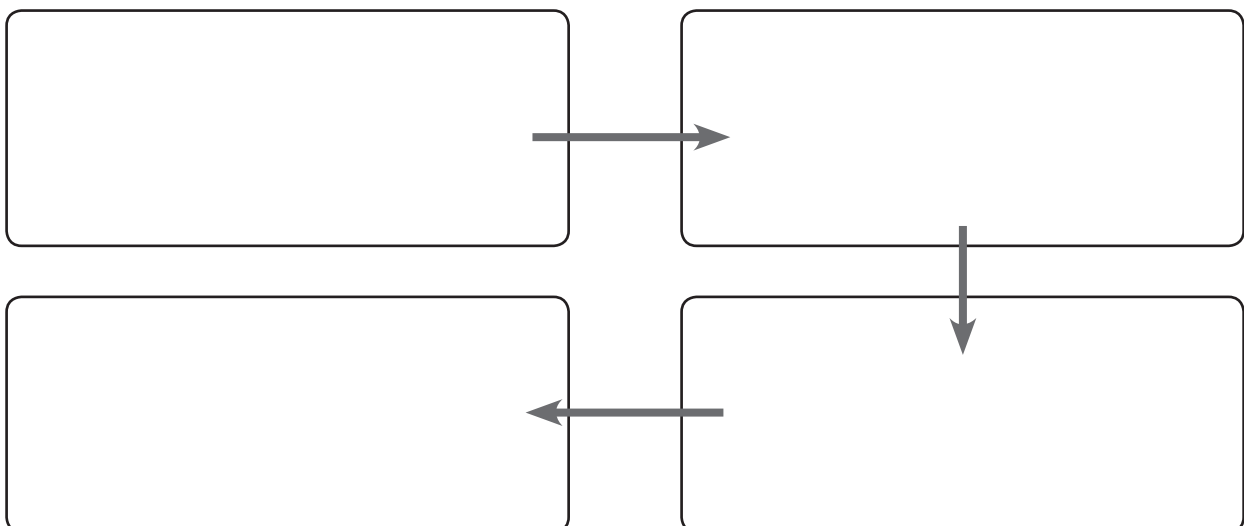
Cave type	Formation	Description	Potential danger
Glacier caves		Cold and slippery	
Sea caves			May flood when the tide changes
	Formed by lava flow		
Limestone caves		Can contain beautiful speleothems	

2 Select the most appropriate verb from the list to complete the sentences below. Then circle the words in the passage that indicate time relationships. An example of each task has been done for you.

form, enlarging, turns, absorbs, erode, dissolve, seeps

When rain falls, it absorbs a gas called carbon dioxide from the atmosphere and the soil. This gas _____ the water into a weak acid, which _____ into cracks in the limestone rock beneath the soil. The acid water begins to _____ the rock. Holes form. More acid water seeps into the holes, _____ them. (Over many thousands of years) these holes become the chambers, passages and shafts of a cave. Rain continues to fall, seeping down through the cave. Subterranean rivers _____. The rivers _____ more limestone and the water travels further down through the rock.

3 Use pictures and words to complete the flow-chart showing how a lava cave forms.



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- 1 Words with opposite meanings are called *antonyms*. The chart below lists antonyms for words that appear in the text. Use the page numbers to find the original word. You may use a dictionary to help you.



Antonym	Page number	Word located in the text
Above	5	
Dry	7	
Stalactite	8	
Nocturnal	15	
Fertile	16	
Descender	19	
Novice	20	
Vertical	22	
Strong	28	
Shallowest	31	

- 2 Information reports and explanations often include *diagrams* to help convey information. Transfer the information from the Food Chain Cycle (on p.17) to the Food Chain Pyramid below.

