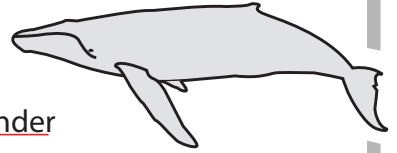


Identifying Cause and Effect with Signal Words

Directions: Read the passage below and underline the four sentences with a cause and effect relationship. Hint: Look for the signal words *since*, *so*, *because*, and *as a result*.



Whales are mammals, so they breathe air. Since they have a layer of fat under their skin called blubber, they stay warm in the cold ocean water. They breathe through their blowholes by shooting air out of the blowholes. New air goes in through the blowholes, too.

Whales don't sleep the same way humans do because they have to think about breathing. If they slept like humans do, then they would drown.

Whales talk to each other. Their calls are the loudest calls of any creature on the planet and as a result, travel a very far distance through the water.

Directions: Put the information from the underlined sentences into the correct section on the chart.

Cause	Signal Word	Effect
Whales are mammals.	so	They breathe air.
They have a layer of fat under their skin called blubber.	since	They stay warm in the cold ocean water.
They have to think about breathing.	because	Whales don't sleep the same way humans do.
Their calls are the loudest calls of any creature on the planet.	as a result	The calls travel a very far distance through the water.

★ Challenge

Can you find another cause and effect relationship in the text? Record it in the chart below.

Cause	Signal Word	Effect
If whales slept like humans	If... then	They would drown.