

**Worksheet Number ( )/ 7<sup>th</sup> grade ( ) 7Dd: Effects on the environment  
 (Pg. 66-67)**

Student's Name: \_\_\_\_\_

Date: / 10 /2025

**Educational Outcome:** 1. identify the scientific terms 2. Explain how some organisms live in their habitats?

**Task1: Identify the following scientific terms?**

**Organisms:** Are living things (plants, animals, humans).

**Environment:** The conditions in a habitat caused by physical environmental factors.

**Habitat:** A place where organisms live in.

**The physical environmental factors:** The physical: means non-living, like:( air, water, light, temperature, wind)

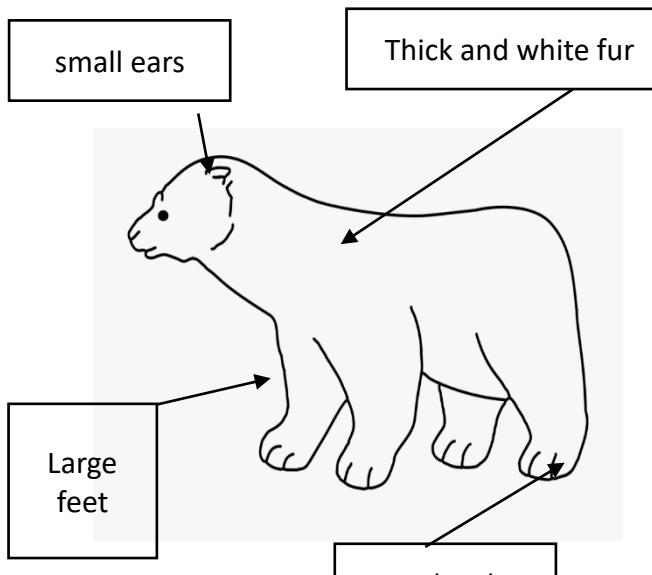
**Environmental:** conditions hot, cool, cold, ice, wet, dry, light dark, sunny, windy, ...**Factors:** things.

**Ecosystem:** is formed from the community of organisms and all the physical environment factors in a habitat.

**Community:** all the animals and plants live in a habitat.

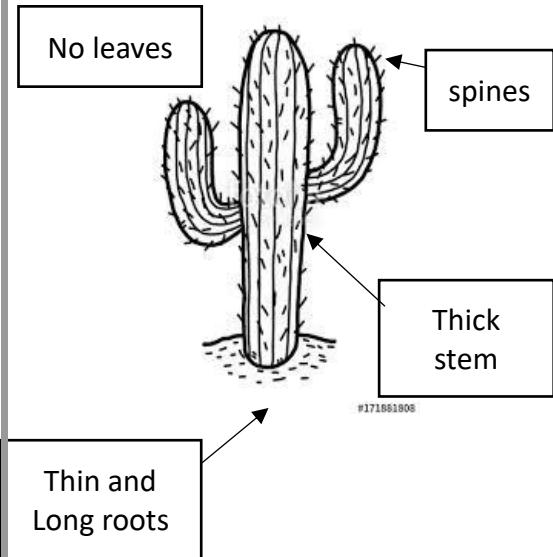
**Adaptation** the features that something has to enable it to a certain job or survive in a particular place.

**Task2: Label the parts of the polar bear, and complete the following table:**



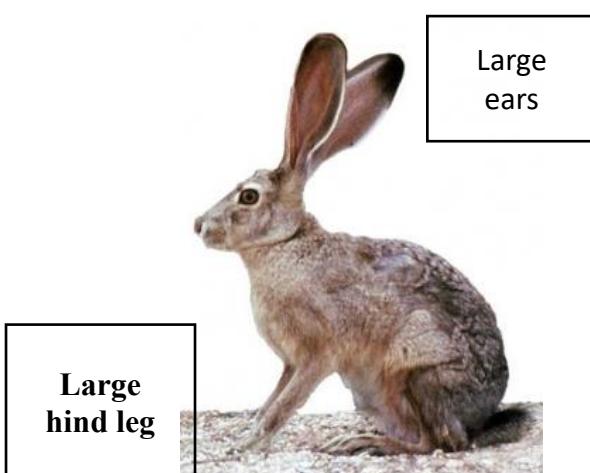
The feature of the polar bear.	Its function
Small ears	To stop it losing too much heat
Fur: White color	Camouflage (creeping up on seals without being seen). Camouflage means hide from enemy or their pray.
Large feet	1. To spread out its weight. 2. To stop it from sinking 3. To swim
Rough soles	To grip the ice
Thick fur	- help keep it warm.

### Task3: label the parts of the cactus and complete the following table:



The feature of an cactus	Its function
No leaves	To lose less water
spines	To protect it from animals
Thick stem	To store water. The saguaro cactus can absorb a tonne of water a day after a storm.
Thin and long roots	To absorb as much water as possible when it rains.

### Task4: label the parts of the jack rabbit and complete the following table:



The feature of a jack rabbit	Its function
Large ears	1. To allow heat to escape 2: to improve hearing
mouth	Does not drink direct it gets water from eating food
Large hind legs	To run away quickly from animals (its speed = up to 70% km/h)

### Task3: Complete the following table:

How can hog sucker fish live in fast flowing water.  
Have suckers to allow them attach to rocks and stop them being swept away



The features of fish	The importance
fins	to swim
gills	To breathe

