

BW #14

Identify the type of relationship the following 3 slides are showing.

#1

PORCELAIN ANEMONE CRABS AND THEIR HOST ANEMONES

These crabs are primarily suspension-feeding animals, and they use their large basket-like feeding appendages to sweep the water to get their food

They don't harm the anemones, but they benefit by gaining **protection** from their host. Few fish will hazard getting eaten by an anemone simply for the chance to snack on the crab



#2

This is a case of a liver tapeworm cyst. These organisms are prone to live and thrive in the bodies of various animals including wolves, caribou, polar bears, and moose. They feed on the food the animal eats, and as a result, the animal develops malnutrition.



#3

- The relationship between a sea anemone and a clownfish.

The sea anemone provides a safe shelter for the clownfish. To pay back the sea anemone the clownfish chases away its predator's and eats the parasites.

