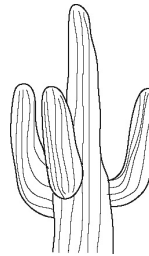


What Are Some Adaptations to Life on Land?

- 1 How are conifer trees and deciduous trees different?
- (A) Conifer trees keep their leaves year-round. Deciduous trees lose them.
 - (B) Conifer trees lose their leaves every autumn, and deciduous trees keep them year-round.
 - (C) The leaves of conifer trees turn red, and the leaves of deciduous trees turn yellow in autumn.
 - (D) The leaves of conifer trees turn yellow, and the leaves of deciduous trees turn red and orange in autumn.
- 2 In the fall, a ground squirrel will store the energy from food as a thick layer of fat. What is **most likely** the reason for this adaptation?
- (F) It keeps the animal from being exposed to diseases in winter.
 - (G) It keeps the animal from being eaten by predators that hunt during winter.
 - (H) It helps the animal get exercise during winter when it is snowing.
 - (I) It helps the animal survive a cold winter when there is very little food.
- 3 Bison are found in grasslands. They spend much of their time in herds eating grasses and other small plants. What kind of teeth do bison **likely** have?
- (A) broad, flat teeth for grinding
 - (B) long, sharp teeth for tearing
 - (C) flat, sharp teeth for chopping
 - (D) small, sharp teeth for grabbing
- 4 Sometimes epiphytes will grow on a tree's trunk or branches. Which **best** compares the roots of trees and epiphytes?
- (F) An epiphyte's roots require moist soil, and a tree's roots can live in dry air.
 - (G) A tree's roots require moist soil, and an epiphyte's roots can live in dry air.
 - (H) An epiphyte's roots make food, and a tree's roots are for absorption.
 - (I) A tree's roots make food, and an epiphyte's roots are for absorption.
- 5 Instead of leaves, this cactus has sharp needles. How do sharp needles help a cactus survive in a desert?



- (A) They protect it from animals that want to eat it.
- (B) They attract insects and birds that pollinate it.
- (C) They help it get sunlight when it is dim or shady.
- (D) They store water for when there is very little rain.