

Most of the trees in an **evergreen forest** have leaves shaped like needles. These needles stay green throughout the year. The trees grow close together. The forest is warm for part of the year. There is enough rain for the trees to grow tall. An evergreen forest may have snow during winter. Rain and melted snow fill streams and small ponds in the forest.

Conifers like pine trees grow in the evergreen forest. Trees that have flat leaves can also grow in the forest. The trees provide shelter and food for animals.

Vertebrates and invertebrates live in an evergreen forest. Some evergreen forest animals eat trees or seeds from trees. Then other animals eat those animals. This is called **a food chain**.

Number the pictures **1**, **2**, and **3** to show the order that food is eaten in.



God placed evergreen forest animals in a habitat that is perfect for them. He designed many ways for forest animals to stay safe.

Many animals are fast. They can run from danger. Some animals can climb trees. Birds can fly away. Beavers can swim. Some animals' fur changes color with the seasons. Other animals have antlers, horns, or sharp quills.

1. Look at the animals. Match each animal with the word that shows how it stays safe in an evergreen forest.



•

antlers



•

wings



•

white fur



•

quills

2. Color the evergreen forest animals.



## Transparent, Translucent, Opaque 7.4

Most solid objects reflect light. Some are transparent or translucent. **Transparent** materials let light pass through them. Objects can be seen clearly through transparent materials.



The children in the picture are looking through a window at a zoo. Because the glass is transparent, they can see through it clearly. What animal do they see?



These glass doors are **translucent**. Something that is translucent allows only some light to pass through. Objects cannot be seen clearly through translucent materials. What do you see behind the glass?

The boy is painting a wall. The wall is **opaque**. Something that is opaque does not let any light pass through it. It reflects or absorbs the light that hits it. Can the boy see things that are behind the wall?



Fill in the circle beside the word that best completes the sentences.



1. You can see the fish clearly through the water. The water is \_\_\_\_\_.

- transparent     translucent     opaque



2. You can see some light through the colored glass. You cannot clearly see objects on the other side of it. The window is \_\_\_\_\_.

- transparent     translucent     opaque



3. You cannot see what is behind the wall. The wall is \_\_\_\_\_.

- transparent     translucent     opaque