

Leaf Peeping



We hiked through the woods to Lake Sunapee, admiring trees glowing with beautiful autumn colors. We collected bunches of leaves to learn about fractions. Help us out!

Every fall, New Hampshire's forests turn into vibrant, deep colors as tree leaves change colors with the arrival of the new season. The forests attract tourists known as leaf peepers. Leaf peepers like to travel to view the seasonal changing of leaf colors.

A fraction is a number written as a comparison between two numbers. The top number called the numerator is compared to the bottom number called the denominator. The numerator represents the number of pieces that are selected or shaded in a group. The denominator represents the total number of pieces in a group. You need fractions to understand how the parts of something relate to the whole.

Example: The total number of maple leaves (your denominator) is 7. The number of yellow leaves (your numerator) is 3. How many leaves are yellow in this collection?



The answer is:
numerator

$$\frac{3}{7}$$

denominator



How many birch leaves are brown?



How many ash leaves are green?



How many oak leaves are yellow?



How many beech leaves are red?