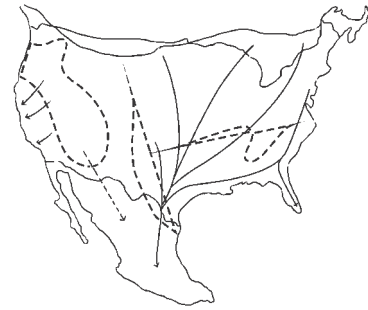


Butterflies in Flight

Did You Know? Monarch butterflies fly south for the winter. In the fall, daylight becomes shorter in northern parts of Canada and the United States. That is when the butterflies fly to warmer climates. Many monarchs fly to the forests of Mexico and form large groups.

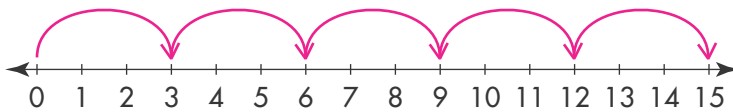
**Fall Journey of Monarch Butterflies**

El Rosario Butterfly Sanctuary in Mexico is a winter home for monarchs. While visiting the sanctuary, Ana saw 3 butterflies on each of 5 leaves.

- 1 Draw a picture to model the total number of butterflies Ana saw.

Check students' drawings.

- 2 Use the number line to show the total number of butterflies Ana saw. How many butterflies did she see?



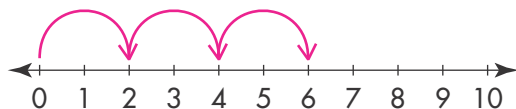
Ana saw 15 butterflies.

- 3 Write a multiplication equation to show the butterflies Ana saw.

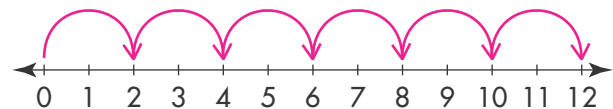
$$5 \times 3 = 15$$

- 4 **Extension** Ana saw 2 monarch butterflies on each of 3 leaves. Each monarch butterfly has 2 wings. How many wings did Ana see? Show how to find the answer using the number lines below.

Total butterflies



Total wings



Ana saw 12 wings.