

## Sensible Snacking

Conner's kids want a quick snack! Since it is close to dinnertime, she will give each child only one leaf. Which leaf will each caterpillar get? Follow the directions to find out!

**Directions:** Use compatible numbers to estimate each sum or difference. Then match each leaf to a caterpillar by writing the letter next to each leaf in a different speech bubble blank.

|  |   |
|--|---|
| <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>1. <math>14.7 + 9.9</math></p> <p>_____ + _____ = _____</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>2. <math>107 - 99</math></p> <p>_____ - _____ = _____</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>3. <math>100 + 40</math></p> <p>_____ + _____ = _____</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>4. <math>1,000 - 999</math></p> <p>_____ - _____ = _____</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>5. <math>1+9 = 10</math></p> <p>_____ + _____ = _____</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px;"> <p>6. <math>9.5 - 4.9</math></p> <p>_____ - _____ = _____</p> </div> | <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>a. <math>24.9 - 19.9</math></p> <p>_____ - _____ = _____</p> <p style="text-align: center;">only</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>b. <math>100 + 147</math></p> <p>_____ + _____ = _____</p> <p style="text-align: center;">447</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>c. <math>97 + 104</math></p> <p>_____ + _____ = _____</p> <p style="text-align: center;">They</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>d. <math>4.8 + 5.2 + 15.2</math></p> <p>_____ + _____ + _____ = _____</p> <p style="text-align: center;">milkweed</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; margin-bottom: 10px;"> <p>e. <math>4,000 - 2,999</math></p> <p>_____ - _____ = _____</p> <p style="text-align: center;">will</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 5px;"> <p>f. <math>100 - 100</math></p> <p>_____ - _____ = _____</p> <p style="text-align: center;">leaves</p> </div> |
|--|---|



To learn an interesting fact about monarch butterfly caterpillars, write the word on each leaf above in its matching answer blank below.

\_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_  
 \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_    \_\_\_\_\_  
 \_\_\_\_\_    \_\_\_\_\_

**Answer Key:** Some caterpillars eat 80,000 times their birth weight in 24 days! If you had weighed 9.9 pounds at birth and had eaten like these caterpillars, about how much would you have eaten when you were 24 days old?