
Pacific Lamprey Lesson Worksheet

Ten Pacific Lamprey were captured for tagging purposes. Their weights included the following amounts:

Fish #1: 9.05 oz.

Fish #2: 9.3 oz.

Fish #3: 9.5 oz.

Fish #4: 9.13 oz.

Fish #5: 9.22 oz.

Fish #6: 9.44 oz.

Fish #7: 9.10 oz.

Fish #8: 9.27 oz.

Fish #9: 9.1 oz.

Fish #10: 9.4 oz.

Write the weights of the fish using a fraction with each fraction having the same denominator (100).

Examples:

Fish #1: 9.05 oz.

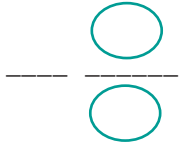
$9 \frac{5}{100}$

Fish #2: 9.3 oz.

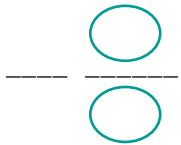
$9 \frac{30}{100}$ OR $9 \frac{3}{10}$

Pacific Lamprey Lesson Worksheet (Continued)

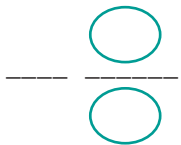
Fish #3: 9.5 oz.



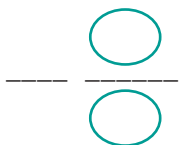
Fish #4: 9.13 oz.



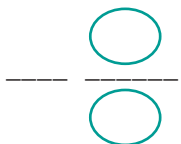
Fish #5: 9.22 oz.



Fish #6: 9.44 oz.



Fish #10: 9.4 oz.



Pacific Lamprey Worksheet (Continued)

Organize the 10 fish on the line below from lowest weight to highest weight:



What is the (smallest) minimum weight on the number line above? _____

What is the (largest) maximum weight on the number line above? _____

What is the middle weight on the number line above? _____

What do you think the largest weight of a Pacific Lamprey (not listed on the number line above) could be? Explain your thinking.

What do you think the smallest weight of a Pacific Lamprey (not listed on the number line above) could be? Explain your thinking.

***Fun Facts: According to the U.S. Fish and Wildlife Service, the maximum recorded age for a Pacific Lamprey is nine years. The maximum weight published for a Pacific Lamprey is 17.6 oz. (https://www.fws.gov/fisheries/freshwater-fish-of-america/pacific_lamprey.html)**

Pacific Lamprey Worksheet (Continued)

If you had to choose the next lamprey in the set above between 9.6 and 12.8, which would you choose and why? Which one seems like the more reasonable value? Explain your thinking.

Compare the weights of decimals (fish weights in ounces):

Fill in the blank with the appropriate symbol: < > or = (use the number line on the previous page to assist you if needed)

- 1) Fish #1 _____ Fish # 5
- 2) Fish #2 _____ Fish #4
- 3) Fish #3 _____ Fish #5
- 4) Fish #4 _____ Fish #6
- 5) Fish #5 _____ Fish #7
- 6) Fish #6 _____ Fish #8
- 7) Fish #7 _____ Fish #9
- 8) Fish #8 _____ Fish #10