

The Inside Scoop: Rational Number Word Problems

Macy is trying out some new ice cream flavors at her ice cream shop, The Inside Scoop. She gives her customers a survey to determine the best new flavor. Customers can rate each flavor on a scale of -3 to 3, where -3 is "I would not order this flavor," and 3 is "I love this flavor."

This table shows the average rating for each new flavor.



Flavor	Average Rating
Lemon Basil	-1.25
Carrot Cake	$2\frac{1}{3}$
Cilantro Lime	$-1\frac{2}{3}$
Peanut Butter Swirl	2.4
Honey Ginger	-1.2

Use the table to answer each question.

1. Which flavor received the highest average rating?
2. Which flavor received the lowest average rating?
3. Write the flavors in order from the lowest average rating to the highest average rating.
4. Macy did a similar survey last year. Last year's winning flavor, Toasted Marshmallow, received an average rating of $2\frac{5}{9}$. Is that a higher average rating than the winning flavor from this year? Explain.
5. In last year's survey, Sweet Avocado received an average score of -1.5. Which of this year's flavors would Sweet Avocado fall between?