

Hot Chocolate Testing (cont.)

Learning About Brands From Labels

Use the posted nutrition information from the labels of drinks A, B, C, and D to fill out the following chart.

Label Information (Per Serving)

Drink	Calories	Total Fat (g)	Sodium (mg)	Sugar (g)	Protein (g)	% Vitamin A	% Vitamin B	% Vitamin C	% Calcium	% Iron
A										
B										
C										
D										

Use the information from the above chart to answer the following questions.

- Which drink has the fewest calories? _____
- Which drink has the least fat? _____
- Which drink has the least sodium? _____
- Which drink has the fewest grams of sugar? _____
- Which drink has the most protein? _____
- Which drink has the greatest percent of vitamin A? _____
- Which drink has the greatest percent of vitamin C? _____
- Which drink has the greatest percent of calcium? _____
- Which drink has the greatest percent of iron? _____
- Which drink was listed most often in answer to questions 1 through 9? _____

Hot Chocolate Testing *(cont.)*

Scoring Taste and Dissolving Ability

Follow the directions below to participate in the taste and dissolving ability tests.

1. Label four cups A, B, C, and D.
2. Place the appropriate amount of powder in cup A.
3. Ask your teacher to add hot water to the powder. Use caution with your drink now that it is hot. Carry, handle, and drink it carefully!
4. Stir your drink 25 times.
5. Drink the hot chocolate and record the taste. Score the taste on a scale of 1-10. A score of 1 would indicate a poor flavor while a score of 10 would have an excellent taste.
6. Check the bottom of the cup for residue and make a note of what you find under the heading Dissolving Ability. Score how well the powder dissolved on a scale of 1-10. A score of 1 would mean that you found quite a bit of residue left in the cup while a score of 10 would mean that you found no residue.
7. Repeat the above procedure with brands B, C, and D.

Drink	Taste Score	Dissolving Ability Score	Comments
A			
B			
C			
D			

Hot Chocolate Testing *(cont.)*

Interpreting Your Data

Using all of your data, please rank the hot chocolates from the best (#1) to the worst (#4).

Ranking	Drink
#1	
#2	
#3	
#4	

Write a paragraph (approximately 50 words), using your data to defend your high ranking of your #1 drink. Use the the back of this paper if you need more room.

Write a paragraph (approximately 50 words), using your data to defend your low ranking of your #4 drink. Use the back of this paper if you need more room.
