

Classwork: Probabilities

Names of group members:

All questions refer to the Starbucks drinks nutritional information dataset.

What is the formula for computing the following probabilities? If you have time after writing down the formulas, compute the probabilities.

- 1) The probability that a drink has more than 100 calories.
- 2) The probability that a drink is iced and has 0 calories.
- 3) The probability that a drink is a latte or a macchiato.

4) The probability that a drink with more than 10g of carbs has more than 5g of protein.

5) The probability that a chocolate drink has less than 5g of protein or more than 5g of fat.

6) The probability that a "Tazo" branded drink has between 100 and 200 calories.