

# Baristish

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Native speakers of American English will say *big red balloon* and *small green tree*, but not *\*red big balloon* or *\*green small tree*. Such data show that a simple phrase structure rule like NP → Adj\* N does not sufficiently characterize the orders of adjectives inside of English NPs. One way to more adequately account for English order facts would be to annotate syntactic category labels with semantic information, as in NP → (Adj<sub>SIZE</sub>) (Adj<sub>COLOR</sub>) N, etc.

Baristish is a real special-purpose language, spoken fluently by thousands, if not millions of people around the world. Like all natural languages, Baristish has many varieties. The variety represented in this problem can be described as "Standard Northwest Baristish." Although you may know someone who speaks a dialect of Baristish, be sure your analysis accounts for the data below.

Your tasks:

A. Fill in the blanks in 28-35.

B. Write a set of phrase structure rules and develop a lexicon that will account for the Baristish data.

C. Note any other observations you have, especially concerning any "irregularity" in this system.

**Baristish expression:**

**English meaning:** *A beverage consisting of...*

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|----------------------------|--|
| 1. Short coffee            | 8 ounces of drip-brewed coffee served hot in a paper cup   |
| 2. Tall latte              | 2 ounces of pressure-brewed coffee and 10 ounces of steamed whole milk served hot in a paper cup           |
| 3. Tall coffee with room   | 10 ounces of drip-brewed coffee served hot in a paper cup  |
| 4. Personal tall Americano | 4 ounces of pressure-brewed coffee, and 8 ounces of hot water served hot in a cup provided by the consumer |
| 5. Iced tall coffee        | 12 ounces of drip-brewed coffee served cold in a plastic cup with ice                                      |

6. Doppio espresso con panna 4 ounces of pressure-brewed coffee topped by 2 ounces of whipped cream served hot in a paper cup
7. Tall Americano with room 4 ounces of pressure-brewed coffee, and 6 ounces of hot water served hot in a paper cup
8. Tall skinny latte 2 ounces of pressure-brewed coffee and 10 ounces of steamed non-fat milk served hot in a paper cup
9. Double tall one-percent latte 4 ounces of pressure-brewed coffee and 8 ounces of steamed 1% milk served hot in a paper cup
10. Grande decaf coffee 16 ounces of decaffeinated drip-brewed coffee served hot in a paper cup
11. Grande cappuccino 4 ounces of pressure-brewed coffee, 8 ounces of steamed whole milk, and 4 ounces of steamed whole milk foam served hot in a paper cup
12. Tall dry cappuccino 2 ounces of pressure-brewed coffee, 4 ounces of steamed whole milk, and 6 ounces of steamed whole milk foam served hot in a paper cup
13. Grande breve 4 ounces of pressure-brewed coffee, and 12 ounces of steamed half-and-half served hot in a paper cup
14. Grande mocha con panna 4 ounces of pressure-brewed coffee, and 12 ounces of steamed chocolate whole milk topped by two ounces of whipped cream served hot in a paper cup
15. Personal half-caf grande latte 2 ounces of pressure-brewed coffee, 2 ounces of pressure-brewed decaffeinated coffee, and 12 ounces of steamed whole milk served hot in a cup supplied by the consumer
16. Tall Irish cream two percent cappuccino 2 ounces of pressure-brewed coffee, 6 ounces of 2% milkfat milk, 4 ounces of 2% milkfat milk foam and one tablespoon of Irish cream syrup served hot in a paper cup

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|--|---|
| 17. For-here grande mocha                          | 4 ounces of pressure-brewed coffee, and 12 ounces of steamed chocolate whole milk served hot in a porcelain cup   |
| 18. Triple grande breve                            | 6 ounces of pressure-brewed coffee and 10 ounces of steamed half-and-half served hot in a paper cup   |
| 19. For-here quad grande Irish cream breve         | 8 ounces of pressure-brewed coffee, 8 ounces of steamed half-and-half, and a tablespoon of Irish cream syrup served hot in a porcelain cup.                             |
| 20. Iced decaf triple grande cinnamon skinny mocha | 6 ounces of pressure-brewed decaffeinated coffee and 6 ounces of chocolate, non-fat milk with a tablespoon of cinnamon flavoring, served cold in a plastic cup with ice |

**The following expressions are ungrammatical in Standard Northwest Baristish:**

21. \*Double espresso
22. \*Doppio (tall) latte / \*Doppio (tall) cappuccino/ \* Doppio (tall) mocha / \*Doppio (tall) breve
23. \*Tall iced coffee
24. \*Breve grande
25. \*Decaf tall cappuccino
26. \*Grande double latte
27. \*Two-percent Irish cream cappuccino

**Translate the following grammatical Baristish expressions into English:**

28. Grande skinny dry cappuccino

- 29. Iced triple tall two-percent mocha
- 30. Personal grande Irish cream latte con panna
- 31. Grande half-caf cinnamon latte

**Translate the following English expressions into Baristish:**

- 32. 4 ounces of pressure-brewed coffee and 12 ounces of steamed whole milk served hot in a paper cup
- 33. 12 ounces of decaffeinated drip-brewed coffee served hot in a cup provided by the consumer
- 34. 4 ounces of pressure-brewed coffee and 8 ounces of steamed non-fat milk with a tablespoon of cinnamon flavoring served hot in a paper cup
- 35. 6 ounces of pressure-brewed coffee and 6 ounces of 2% milk served cold in a plastic cup with ice