

INGLÊS

STRAWS

"Would you like some soda?" asked Bob.

"Yes, please," replied Nancy.

"What flavor do you prefer?"

"Give me any flavor."

"Would you like a straw?"

"Of course."

Almost everybody drinks soda with straws. Some people like to drink with a single straw, others prefer two straws.

A physics book has a fun experience with straws that you should try. If you try to drink from two straws at the same time, one inside the glass and the other one outside the glass, you will not be able to drink.

Why is that? When drinking with a straw, the liquid is not sucked up. The liquid is pushed up by the air pressure on the soda surface outside of the straw. This happens because air has weight. When removing the air from the straw by sucking, the air pressure inside the straw is reduced relative to the air pressure on the liquid's surface outside the straw. The greater pressure, or weight, on the outside pushes the liquid up into the straw.

There is a limit to the height that the weight of air will push liquid up a straw. A straw longer than thirty – three feet at sea level will not work no matter how powerfully the air is sucked out of it. Similarly, a straw will not work in space since there is no air pressure to push on the liquid's surface.

31. How many straws do people use to drink their soda?

- (A) Some people drink with a single straw, others prefer two.
- (B) Some people drink with two straws, others prefer one.
- (C) People drink with one straw.
- (D) Everybody drinks with two straws.
- (E) Everybody drinks soda with straw.

32. What flavor of soda did Nancy want?

- (A) She didn't want any flavor.
- (B) She wanted lemon.
- (C) She wanted orange.
- (D) She wanted any flavor of soda.
- (E) She didn't like any flavor of soda.

33. Infira o significado da palavra em destaque: "The greater pressure, or weight, on the outside **pushes** the liquid up into the straw.

- (A) puxar;
- (B) empurrar;
- (C) responder;
- (D) retirar;
- (E) sabor.

34. Do you know what is the _____ of the Himalaya?

- (A) single
- (B) weight
- (C) heigh
- (D) push
- (E) fun

35. Ask me if you have _____ problem.

- (A) some
- (B) no
- (C) any
- (D) something
- (E) anything

36. I asked him for _____ money, but he didn't have _____ .

- (A) any – any
- (B) any – some
- (C) some – some
- (D) some – any
- (E) any – no

37. I _____ to work while my sister _____ on foot.

- (A) was driving – go
- (B) go – was driving
- (C) was going – driving
- (D) go – drive
- (E) was driving – was going

38. My birthday is _____ June.

- (A) on
- (B) at
- (C) to
- (D) in
- (E) for

39. Independence Day is _____ September 7th.

- (A) on
- (B) at
- (C) in
- (D) to
- (E) for

40. I _____ many prizes when I was a boy.

- (A) win
- (B) to win
- (C) have won
- (D) won
- (E) had won

41. I _____ my homework recently.

- (A) finish
- (B) to finish
- (C) finished
- (D) have finished
- (E) has finished

42. I have lived in Boston _____ last year.

- (A) for
- (B) by
- (C) since
- (D) to
- (E) just

43. I have studied English _____ hours.

- (A) for
- (B) by
- (C) since
- (D) to
- (E) just

44. I've _____ done my exercise.

- (A) just
- (B) already
- (C) yet
- (D) since
- (E) for

45. Pete _____ just _____ me his new car.

- (A) has shown
- (B) have shown
- (C) to shown
- (D) to show
- (E) haven't shown