

NAME: _____

1. Are the following events independent?
You spin a spinner twice.
2. Are the following events independent?
You choose a pair of shoes and a pair of socks.
3. Are the following events independent?
You buy two different CDs.
4. Are the following events independent?
You draw a red card from a deck with an equal number of red and blue cards and, before replacing it, draw another red card.
5. Are the following events independent?
You roll a number cube twice so that the sum is 8.
6. Are the following events independent?
You get 100% on your spelling test two weeks in a row.
7. Are the following events independent?
You choose an ice cream flavor for yourself and a friend.
8. Are the following events independent?
You roll a 3 and a 4..
9. Which events are independent?
[A] You roll a number cube twice.
[B] You draw 2 colored cards at the same time and get one red and one green.
[C] You study English 20 min nightly, then you get an A on the next test.
[D] You draw a card and don't replace it. Then you draw another.
10. Which events are independent?
[A] You win 2 different running races.
[B] You swim 10 laps in 15 min today and do the same tomorrow.
[C] You draw a card and don't replace it. Then you draw another.
[D] You toss two coins and get one head, one tail.

- [1] yes
- [2] yes
- [3] no
- [4] no
- [5] no
- [6] no
- [7] yes
- [8] yes
- [9] A
- [10] D