

Independent Variable or Dependent Variable

Questions to ask:

- 1- Can you change the value of the variable directly?
- 2- If you change the value of one, will the other (or any other) variable change?

Determine each independent variable and dependent variable for the given situation.

1. Time to travel 50 miles and the speed of the vehicle
2. A sunflower's height and the amount it grows each month
3. Number of eggs used in a recipe and the number of cakes made
4. Months reading and the number of books read
5. Sapling's height and a sapling's age
6. Number of guest at a charity event and the cost of the charity event
7. Number of pears left and the number of fruit baskets assembled
8. Total amount of paper recycled and the number of weeks collected
9. Money raised and the number of pies sold
10. Distance in miles and the total cost of a cab ride
11. Bank account balance and the number of deposits made
12. Number of checks written and the balance of your checking account
13. Number of hours worked and the amount of money earned
14. Test score and the amount of time studying for it