

Identifying Independent and Dependent Variables



Identify the independent and dependent variables in each problem.

1. The number of students in a class, s , and the number of desks needed, d

Independent variable: _____ Dependent variable: _____

2. The number of candles on a birthday cake, c , and that person's age, a

Independent variable: _____ Dependent variable: _____

3. The height of a sunflower in inches, h , and the number of days since it was planted, d

Independent variable: _____ Dependent variable: _____

4. The number of gallons of paint needed, g , and the size of a room in square feet, s

Independent variable: _____ Dependent variable: _____

5. The number of eggs Dairus has, e , and the number of batches of muffins he can bake, b

Independent variable: _____ Dependent variable: _____

6. The amount of money Isabella earns, m , and the number of hours she works, h

Independent variable: _____ Dependent variable: _____

7. The number of T-shirts a basketball team orders, t , and the number of players on the team, p

Independent variable: _____ Dependent variable: _____

8. The number of miles Terrance has driven, m , and the amount of gas he has used, g

Independent variable: _____ Dependent variable: _____