

Name: Class:

Identify independent and dependent variables



1. Adam is a Scientist. He studies the impact of a drug on cancer.

a = administration of the drug - the dosage and the timing.

d = the impact the drug has on cancer.

Which of the variables is dependent and which is independent ?

☐ d is the independent variable and a is the dependent variable

☐ a is the independent variable and d is the dependent variable

2. Lilian works in a papertowel company. She has been assigned the task to compare brands of paper towels to see which holds the most liquid.

b = brand of paper towel.

a = the amount of liquid absorbed by a paper towel.

Which of the variables is dependent and which is independent ?

☐ a is the dependent variable and b is the independent variable

☐ a is the independent variable and b is the dependent variable

3. Vivian is a baker. She calculates the cost of an iced vanilla cake according to its weight

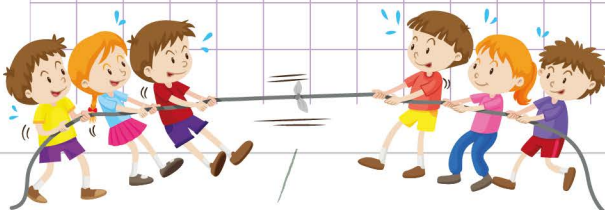
c = the cakes's cost

t = the cake's weight

Which of the variables is dependent and which is independent ?

☐ t is the dependent variable and c is the independent variable

☐ t is the independent variable and c is the dependent variable



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