

Independent and Dependent Variables Homework

Example: Identify the independent and dependent variables

Peter coaches soccer clinics and charges \$15.00 per player. T stands for the total amount of money he makes and P stands for the number of players that sign up. Identify the independent and dependent variable:

T - Amount of money he makes
 _____ depends on _____
 Dependent Variable Independent Variable

Please identify the independent and dependent variables in the following:

1. Mr. Mackar's soccer team is having a car wash to raise money for new uniforms. C stands for how many cars are washed and I stands for how much money they raise.

_____ depends on _____
 Dependent Variable Independent Variable

2. Tara uses her cell phone a lot and she gets charged \$0.05 a minute. C stands for the total she pays and M stands for the number of minutes she uses the phone.

_____ depends on _____
 Dependent Variable Independent Variable

3. Yvonne reads about 20 pages a night before she goes to bed. N stands for the number of nights she has read and P stands for the total number of pages.

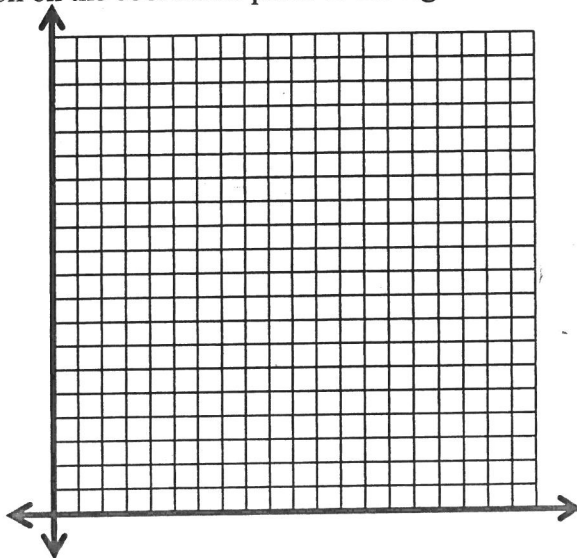
_____ depends on _____
 Dependent Variable Independent Variable

4. During the first game of a season, a team scored 30 points. Over the course of the season, the team improved by 2 points per game. T stands for the total points improved and G stands for the number of games played.

a. _____ depends on _____
 Dependent Variable Independent Variable

b. Fill in the table below showing the improvement for each additional game.

c. Graph the situation on the coordinate plane to the right.



5. When I opened the last box of Kleenex for class use, I noticed that the box says there are 124 Kleenex in it. Each class period I counted and on average 8 Kleenex were used. C stands for the number of periods and R stands for how many Kleenex remain in the box.

a. _____ depends on _____
 Dependent Variable Independent Variable

b. Fill in the table below showing how many Kleenex remain after each period.

c. Graph the situation on the coordinate plane to the right.

