

Title: Scenario Practice

Name

Date

Period

1. Copy down the question.

2. Independent variable?

3. Dependent?

4. Constant?

5. Make a hypothesis

based on your question.

Example:

Does the size of a fish tank determine how large a fish will grow?



1. Does the size of a fish tank determine how large a fish will grow?
2. Independent: Size of tank
3. Dependent: Size of fish
4. Constant: type of fish, food, etc.
5. If a trout fish is placed in a small tank then he will out grow his tank because the amount of food impacts the fishes growth, not the tank size.

Example:

Do tanning beds cause skin cancer?



1. Do tanning beds cause skin cancer?
2. Independent: Tanning beds
3. Dependent: presence of skin cancer
4. Constant: Type of bed, exposure time, (not treated group), etc.
5. If a person spends 2 day per week in a tanning for 20 years then they will test positive for skin cancer.

Does the hormone estrogen increase the milk yield of dairy cows?



Does Rogaine really improve hair growth?



Do wounds heal faster when they are covered by Band-Aids?



Does aspirin keep cut roses fresher longer?

