

Identify the dependent and independent variable

| Question to be answered. | Independent Variable (what I change) | Dependent Variable (what I observe) |
|--|---|--|
| How much water flows through a faucet at different openings? | | |
| Does heating a cup of water allow it to dissolve more sugar? | | |
| Does fertilizer make a plant grow bigger? | | |
| Does an electric motor turn faster if you increase the voltage? | | |
| Do all Glade candles burn at the same rate? | | |
| Is a classroom noisier when the teacher leaves the room? | | |
| Does Bounty really absorb spills faster than the other leading brand? | | |
| Which brand of microwave popcorn stops popping fastest? | | |
| Where will I get the best cell phone reception in my house? | | |
| Does the volume level of my Ipod affect the length of my battery charge? | | |

Write a hypothesis for one of the questions to be answered.