

HYPOTHESIS PRACTICE

Identify the manipulated and responding variable for each research problem. Highlight the **independent variable yellow** and **the dependent variable pink**. Then, use your variables to write a hypothesis in the correct format

1. How does high temperature affect radish germination?

2. How does studying with music affect student test scores?

3. How does food color affect the amount of food fish eat?

4. How does light affect plant growth?

5. How does smiling affect the amount of homework teachers assign?

(3pts each) Highlight the **independent variable yellow** and the **dependent variable pink** for each hypothesis. Then, write a problem for each of the following hypotheses.

6. If plants are watered more, then growth height will increase because plants need water to grow.

7. If chocolate is given to teachers, then amount of homework will decrease because the teacher will be in a better mood .

8. If trees have leaves, then bird nests will increase because birds like their nests to be hidden from predators.

9. If acid rain is in water, then fish population will decrease because the acid will kill more fish.

10. If calcium is given, then bone density will increase because it allows the bones to absorb vitamins and nutrients.
