

## Psychology 12

**1-1 Scientific Method**

*Read the following experiments and identify the question, hypothesis, control group, experimental group, independent variable, dependent variable and the confounds of the experiment.*

1. Brianne wonders if orchid food really does help orchids grow. She thinks it's a scam by florists to make more money. To test her idea, she buys an orange orchid and a purple orchid. She places one orchid in her dining room window and one in her kitchen window. She feeds the purple orchid orchid food, and simply waters the orange orchid.

<b>Question (1)</b>	
<b>Hypothesis (1)</b>	
<b>Control Group (1)</b>	
<b>Experimental Group (1)</b>	
<b>Independent Variable (1)</b>	
<b>Dependent Variable (1)</b>	
<b>Confounds (2)</b>	

2. Graham wants to know if training a dog with a clicker is as effective as using treats. Thinking that food is more effective, he decides to teach his two dogs a new trick. He will teach Jackson, a 3 year old golden retriever cross to dance on his hind legs using a clicker and he'll teach Bella, a 7 year old purebred pug to shake a paw using treats.

<b>Question (1)</b>	
<b>Hypothesis (1)</b>	
<b>Control Group (1)</b>	
<b>Experimental Group (1)</b>	
<b>Independent Variable (1)</b>	
<b>Dependent Variable (1)</b>	
<b>Confounds (6)</b>	

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Date:

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**Assessment 1-1  
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**Reflect**

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3. What was the purpose of the above activity? State as many purposes as you can think of.

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4. How can you use this activity in the future to better your understanding and learning? State as many uses as you can think of.

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5. What was the purpose of THIS activity? 😊 Think of as many purposes as you can.

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6. How is this activity different from the previous one?

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