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### Understanding the Scientific Method Match


**Directions:** Read the scenario below. Then match the correct step number of the scientific method with its description.

#### Scenario:


Sheryl's Mom  works nights , so she sleeps  during the day . Sheryl and her friends  like to listen  to loud music  after school , but they don't want to wake up  Sheryl's Mom .

Step 1. Observe and Ask a question 

Step 2. Form a hypothesis 



Step 3. Do the experiment 




Step 4. Collect Data 




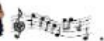
Step 5. Form a conclusion 

Sheryl thinks  that half volume  $\frac{1}{2}$   should be low enough  .

Sheryl wonders  how loudly  she and her friends can play music  without waking up  her Mom .

Sheryl decides that half volume  $\frac{1}{2}$   is still too loud .

One day **1**  when her Mom  is not sleeping **X** , Sheryl tries the experiment .

Standing outside  her Mom's room  she can still hear the music  .