

Section 1-2 How Scientists Work (pages 8-14)

Answer each of the following questions:

- In your head first
- Look back into the book/your notes and check to see if what you are thinking is correct
- Write your answer on the paper

Designing an Experiment (pages 8-10)

1. The idea that life can arise from nonliving matter is called _____.
2. What was Francesco Redi's hypothesis about the appearance of maggots?

3. What are variables in an experiment? _____
4. Ideally, how many variables should an experiment test at a time? _____
5. What is a controlled experiment? _____
6. The illustration below shows the beginning of Redi's experiment. Complete the illustration by showing the outcome.

Redi's Experiment on Spontaneous Generation



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Rose Arny



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