

Make a hypothesis

Read the model. Then spot, finish and write your own hypotheses.

MODEL

A **hypothesis** is a prediction you can test: what you think will happen, and why.

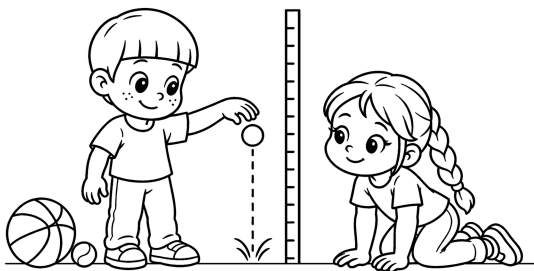
Question: Do bean seeds sprout faster in a warm room or a cold room?

Hypothesis: If I keep bean seeds in a warm room, **then** they will sprout faster than seeds in a cold room, **because** warmth helps seeds grow.

① Is it a hypothesis? Fill in the bubble. _____

1. If I water a plant with salt water, then it will grow more slowly. ☐ yes ☐ no
2. What makes ice melt the fastest? ☐ yes ☐ no
3. Tulips are the prettiest flowers. ☐ yes ☐ no
4. If I put ice in the sun, then it will melt faster than ice in the shade. ☐ yes ☐ no
5. The ball is round and orange. ☐ yes ☐ no

② Finish their hypothesis. _____



Callum and Priya want to know which ball bounces highest: a basketball, a tennis ball or a ping pong ball. Callum drops each ball from the same height, next to a measuring stick, and Priya watches how high it bounces.

If Callum drops the three balls from the same height, then the _____ will bounce highest, because _____.

③ Write a hypothesis for each question. Use If ..., then ..., because ... _____

1. Does a paper airplane fly farther if it has bigger wings?

2. Does sugar dissolve faster in warm water or in cold water?
