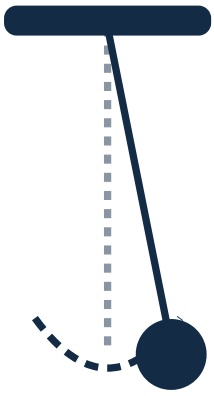
My pendulum test

The Clockmaker's Apprentice

Name _____

You need: string, a small weight (a washer or a few keys), sticky tack and a stopwatch. Ask a grown-up to help you hang it.



1. Tie the weight to the string.
2. Hold it out to one side and let go.
3. Time ten swings, there and back.

Length of string	Light weight	Heavy weight
25 cm	seconds	seconds
50 cm	seconds	seconds
1 metre	seconds	seconds

I think the fastest will be _____

I found out that _____

To make it fair, I kept the same _____