



Name: _____ Date: _____



Detective question: Who, or what, do you think really moves the pendulum?



Part 1: Does it move? Guess first, then try it!

	Test	My guess	What happened
1	Eyes open , thinking “yes”	☐ Big swing ☐ Small swing ☐ Hardly moved	☐ Big swing ☐ Small swing ☐ Hardly moved
2	Eyes closed , thinking “yes”	☐ Big swing ☐ Small swing ☐ Hardly moved	☐ Big swing ☐ Small swing ☐ Hardly moved
3	Hand resting on the books	☐ Big swing ☐ Small swing ☐ Hardly moved	☐ Big swing ☐ Small swing ☐ Hardly moved



Part 2: Does it know? My guess: the pendulum will be right _____ times out of 10.

1	2	3	4	5	6	7	8	9	10
✓ x	✓ x	✓ x	✓ x	✓ x	✓ x	✓ x	✓ x	✓ x	✓ x

The pendulum was right _____ times out of 10. Guessing would be right about **5** times.



Explain: Why did the pendulum swing less when your eyes were closed, or your hand was resting on the books?



Think like a scientist: Why was it important that you **and** your friend didn't know where the coin was?



Shop detective: Some shops sell crystal pendulums with a “certificate”. What does the certificate prove? What does it **not** prove?
