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Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_

Science Court Pendulums

1) What tool is used to record time in the race?

A. Pendulum B. Stopwatch C. Clock D. Timer

2) How does the Score keeper keep track of the time in race?

A. Count how many times it swings back and forth.

B. Count how many times it swings to one side.

3) What did Mr. Relic, (the score keeper) due to the pendulum?

A. Add more sand B. Make the rope longer

C. Make the rope shorter D. Remove sand.

4) Why does the prosecutor, Doug Savage, believe that Mr. Relic helped Tina Turnstyle cheat?

A. She has one leg. B. They know each other.

C. Mr. Relic feels sorry for her. D. All of the above.

5. Why did Mr. Relic add more sand to the bucket?

A. To make it swing faster. B. To make it swing slower.

C. Because someone knocked some sand out.

6. What is mass?

A. The amount of matter in an object. B. How much space an object takes up.

C. A measure of gravity.

7. Does the amount of sand in the bucket affect the speed of the pendulum?

A. Yes B. No

8. Do all pendulums swing at the same rate?

A. Yes B. No

9. What makes pendulums swing faster or slower?

A. The mass of the pendulum. B. The length of the string.

C. What the pendulum is made of. D. Wind.

10. Pendulums with longer strings swing faster.

A. True B. False

11. Tina Turnstyle was found

A. Guilty B. Not Guilty