



Question of the Day

- A mass is oscillating as it is suspended from a spring. If the mass is changed to be twice as much, then the period of oscillation will change by a factor of...?
- Answer: Since T is directly proportional to \sqrt{m} , T would change by a factor of $\sqrt{2}$.



Question of the Day

- Sketch a graph that shows the relationship between period and mass for an oscillating particle.
- If the mass is changed from 50g to 500g, by what factor will the period change?
- Answer: T vs. √m is a linear graph, if m changes by a factor of 10, then T will change by a factor of √10.









