

L7 PROBLEM 1 (1/1 point)

Using the formula derived in this segment, compute k from the second experimental observation: $m = 0.15$ kg, $x = 0.1015$ m.

Use 9.81 m/s^2 as the gravitational constant (g). Enter your answer to at least 1 decimal place of accuracy.

$k =$

Answer: 14.4975

Compare your result with the k we computed from the first observation ($k = 11.3$). Think about why the two calculations gave different results.

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