Self Check 3.3

Due No due datePoints 4Questions 4Time limit NoneAllowed attemptsUnlimited

Instructions



This exercise will help you check your knowledge. Please take it as many times as you need to master the concepts. Select the best answer for each question.

Take the quiz again

Attempt history

	Attempt	Time	Score
КЕРТ	Attempt 2	1 minute	3 out of 4 *
LATEST	Attempt 2	1 minute	3 out of 4 *
	Attempt 1	2 minutes	0 out of 4 *

* Some questions not yet graded

() Correct answers are hidden.

Score for this attempt: **3** out of 4 * Submitted 25 Mar 2019 at 10:47 This attempt took 1 minute.

Question 1

1 / 1 pts

A 7 kg bowling ball is moving at 5 m/s. How much kinetic energy does it have?



Question 2	1 / 1 pts
A spring stores 400 J of elastic potential energy when it is com m. What is the spring constant?	pressed 2
400 N/m	
200 N/m	
800 N/m	
100 N/m	
Feedback: EPE = $\frac{1}{2}$ kx ² , so 400 = $\frac{1}{2}$ (k)(2 ²), rearranging this find k = 200 N/m.	s we



Question 4	1 / 1 pts			
A 70 kg student on a ladder has 3500 J of gravitational potential energy. How high is the student?				
○ 4.375 m				
○ 43.7 m				
● 5 m				

 \bigcirc 10 m Feedback: GPE = mgh, so 3500 = (70)(10)(h), rearranging this we find h = 5 m.

Quiz score: 3 out of 4