

Quiz 2

Summer 2018

Due

Section 4 and 5: **Aug 7**

Section 6 and 7: **Aug 8**

Remember: I will NOT accept your quiz after the deadline. Submit your work in class. If you are unable to attend the class, then you must email me your quiz 2.

Question A bullet of mass 10 g strikes a ballistic pendulum of mass 2.0 kg. The center of mass of the pendulum rises a vertical distance of 12 cm. Assuming that the bullet remains embedded in the pendulum, calculate the bullet's initial speed.

Answer