Potent	ial Energy v Kinetic Energy Worksheet	NAME:	DATE
1)	A skate boarder is standing at the top have potential energy or kinetic energ ramp, at what point will he have zero the potential energy been converted i	gy? How do you know? Ond potential energy. At zero p	ce the skater drops into the
2)	A group of students roll a boulder dow therefore closing the school for the re 500kg, but the second boulder had a r 500kg boulder rolled at 1000m/s while energy?	emainder of the year. The f mass of 1000kg, which one	irst boulder had a mass of had more kinetic energy? If the
3)	A ball is dropped from the second floor potential energy is utilized to propel the on the first floor caries the ball back under the did the student have to do to the second time, but this time the student dropping it. Does the have more, or lewhy?	he ball downwards toward op to the second floor resto oe ball to restore its potent t throws the ball towards t	Is the second floor? A student oring the ball's potential energy. ial energy? The ball is dropped a the ground instead of simply
4)	The Red Bull Stratos team took a sky of to complete a jump of over 100km. Rediver ever completely convert his potential to the second strategy and the second strategy are second so that the second sec	ecalling our knowledge of t	erminal velocity, will the sky