

Potential to kinetic energy

Name _____

Date _____

Ignore air resistance; $g = 9.81 \text{ m/s}^2$.

Problem	Answer	Problem	Answer
1. Speed after falling 5 m		3. PE of 2 kg at 10 m	
2. Height for 10 m/s		4. KE at bottom of that fall	

Answer key — Potential to kinetic energy

#	Problem	Answer
1	Speed after falling 5 m	9.9 m/s
2	Height for 10 m/s	5.1 m
3	PE of 2 kg at 10 m	196 J
4	KE at bottom of that fall	196 J