

Kinetic and Potential Energy Answers

1.

- a) 0 J
- b) 0 J
- c) 0 J

2.

- a) 45 J
- b) 117.6 J
- c) 0 J
- d) 162.6 J
- e) 45 J

3.

- a) 98 J
- b) 0 J
- c) -98 J

4.

- a) 980 J
- b) 0 J
- c) Decreases
- d) Decreases
- e) Increases
- f) Increases
- g) -14 m/s
- h) 980 J; it is equal to the initial potential energy.
- i) 0 J