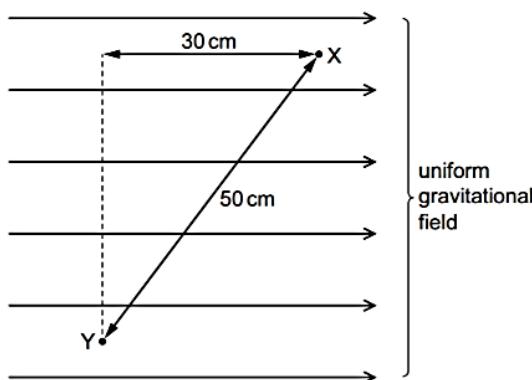


A mass at point X inside a uniform gravitational field experiences a gravitational force of 0.200 N. It has 1.00 J of gravitational potential energy.



The mass is then moved to point Y. What is its new gravitational potential energy?

**A**

0.90 J

**B**

0.94 J

**C**

1.06 J

**D**

1.10 J