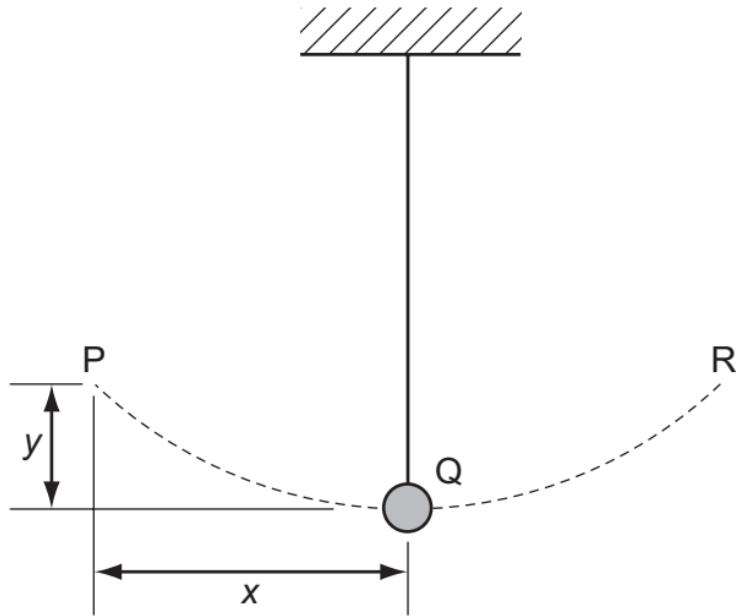


17 A pendulum bob oscillates between P and R.



Assuming the gravitational potential energy lost in moving from P to Q is converted into kinetic energy, what is the speed of the bob at Q?

A  $\sqrt{2gx}$

B  $2gx$

C  $\sqrt{2gy}$

D  $2gy$

18 Which operation involves the greatest mean power?