Hour

Date
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① Name the form of energy stored in a wound up spring of a watch.

ans> A wound up watch spring has potential energy stored in it.

② Name the type of energy (Kinetic or potential) possessed by a moving cricket ball.

ans> Kinetic energy.

③ Give an example to show the conversion of P.E to K.E when put in use.

ans> When a spring is compressed, it stores potential energy in itself. Then, if we put a ball above the spring's head and release the spring, then the spring will get back to its original position by using Kinetic energy and hence throws the ball away.

④ State the energy changes that occur in a watch spring while it unwinds.

ans> A wound up watch spring has potential energy stored in it. But when it unwinds itself, it uses Kinetic energy.