

14 During an interval of time, fuel supplies energy X to a car.

Some of this energy is converted into kinetic energy as the car accelerates.

The rest of the energy Y is lost as thermal energy.

What is the efficiency of the car?

A $\frac{X}{X - Y}$

B $\frac{Y}{X - Y}$

C $\frac{X - Y}{X}$

D $\frac{X - Y}{Y}$