

16 A car moves along a horizontal road with a constant velocity  $v$  against a resistive force  $F$ .

The engine of the car has an efficiency of 25%.

What is the input power to the engine?

A  $\frac{Fv}{4.0}$

B  $\frac{4.0}{Fv}$

C  $4.0Fv$

D  $\frac{4.0F}{v}$