

- 14 Trains supply coal to a power station. The table shows quantities describing the operation of the power station.

	symbol	unit
power station average output	$P$	W
number of trains per day	$N$	
mass of coal on a train	$M$	kg
energy from 1 kg of coal	$E$	J
number of seconds in one day	$S$	

Which expression gives the efficiency of the power station?

$$A \frac{PS}{NME}$$

B PSN  
ME

C  $\frac{NME}{PS}$

D  $\frac{NM}{PSE}$