

- 22** Trains supply coal to a power station. The table below gives quantities describing the operation of the power station.

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

Which expression gives the efficiency of the power station?

A $\frac{PS}{NMJ}$

B $\frac{PSN}{MJ}$

C $\frac{NMJ}{PS}$

D $\frac{NM}{PSJ}$

Space for working