2   The relationship between the variables D and T is given by the equation

$$\frac{1}{T} = \frac{b}{\sqrt{D}} + c$$

where b and c are constants.

The unit of D is m^2 and the unit of T is s.

What are the units of b and c?

	unit of b	unit of c
A	$m\,s$	s
B	$m\,s^{-1}$	s^{-1}
C	$m^{-1}s$	s
D	$m^{-1}s^{-1}$	s^{-1}