

- 2 In a certain experiment, the angle α and the mass M are related by the following expression

$$\tan \alpha = \frac{P}{\sqrt{M}} + Q.$$

What are the units of P and Q ?

	units of P	units of Q
A	$\text{kg}^{-\frac{1}{2}}$	degrees
B	$\text{kg}^{-\frac{1}{2}}$	unitless
C	$\text{kg}^{\frac{1}{2}}$	degrees
D	$\text{kg}^{\frac{1}{2}}$	unitless