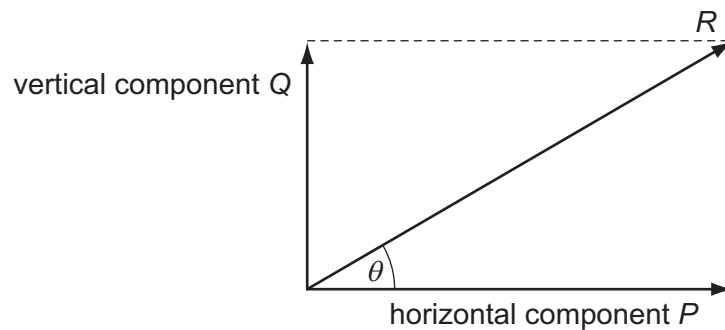3   A vector has magnitude R and perpendicular components P and Q, as shown in the diagram.

Which row correctly describes the perpendicular components?

	vertical component	horizontal component
A	Q	$R \sin\theta$
B	$R \cos\theta$	P
C	$R \cos\theta$	$R \sin\theta$
D	$R \sin\theta$	$R \cos\theta$

Space for working