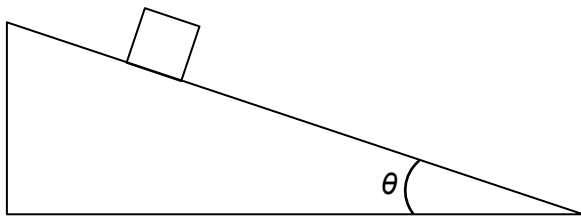


- 3 A block starts from rest and slides down a smooth incline.



What is the **vertical component** of acceleration, in terms of  $g$  and  $\theta$ ?

- A**  $g$                       **B**  $g \sin \theta$                       **C**  $g \sin^2 \theta$                       **D**  $g \sin \theta \cos \theta$

