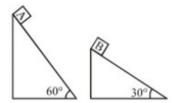
## QUES 01:-

Two fixed frictionless inclined planes making an angle 30° and 60° with the vertical are shown in the figure. Two blocks A and B are placed on the two planes. What is the relative vertical acceleration of A with respect to B?

[AIEEE - 2010]



- (1) 4.9 ms<sup>-2</sup> in vertical direction.
- (3) 9.8 ms<sup>-2</sup> in vertical direction

- (2) 4.9 ms<sup>-2</sup> in horizontal direction
- (4) Zero

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