

2	<p><b>B is the correct answer</b></p> <p>A is incorrect because the force is not acting in the direction of motion</p> <p>D is incorrect because <math>\tan 40^\circ</math> does not give parallel component of force</p> <p>C is incorrect because <math>\sin 40^\circ</math> does not give parallel component of force</p>	1
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