Unit 03: Kinematics in Two Dimensions

Author: Saylor Foundation

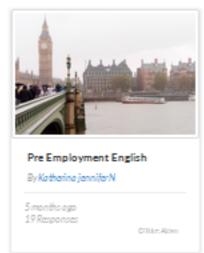
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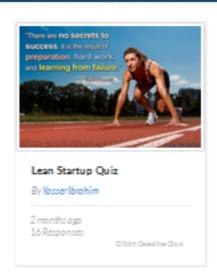
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Jnit 03: Kii	nematics in T	wo Dimensi	ons Questi	ons		

4.1.1. A projectile is fired horizontally with a speed of 2 m/s from the t...

Author: Saylor Foundation

A projectile is fired horizontally with a speed of 2 m/s from the top of a 10 m vertical cliff. Which of the following is true?

Please choose only one answer:

- The projectile will hit the ground 1.43 s later at a distance of 2.86 m.
- The projectile will hit the ground 1.63 s later at a distance of 2.86 m.
- The projectile will hit the ground 1.43 s later at a distance of 2.36 m.
- The projectile will hit the ground 1.63 s later at a distance of 2.36 m.

Check the answer of this question online at QuizOver.com:

Question: A projectile is fired horizontally with Saylor Foundat @The Introduction

Flashcards:

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Interactive Question:

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4.1.2. What are the components of a vector of magnitude 2.5 m at an angle ...

Author: Saylor Foundation

What are the components of a vector of magnitude 2.5 m at an angle of 120° with respect to the positive x axis?

Please choose only one answer:

- (1.25, -2.16)
- (-2.16, 1.25)
- (-1.25, -2.16)
- (-1.25, 2.16)

Check the answer of this question online at QuizOver.com:

Question: What are the components of a vector of Saylor Foundat Introduction

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Interactive Question:

http://www.quizover.com/question/what-are-the-components-of-a-vector-of-saylor-foundat-introduction?pdf=3044

4.1.3. What is the sum of the two vectors +3 m in the x direction and -4 m...

Author: Saylor Foundation

What is the sum of the two vectors +3 m in the x direction and -4 m in the y direction?

Please choose only one answer:

- 5 m at an angle of 53° above the x axis
- 5 m at an angle of 37° above the x axis
- 5 m at an angle of 53° below the x axis
- 5 m at an angle of 37° below the x axis

Check the answer of this question online at QuizOver.com:

Question: What is the sum of the two vectors 3 m in Saylor Foundat Introduction

Flashcards:

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Interactive Question:

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