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## Assignment 2 -> HTML5 MARK-DATALIST SCORM - SCOs

Shareable Content Objects (SCOs) using HTML5 technologies.

### Log-in Page:



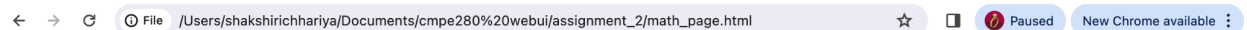
### User Login

Username:

Password:

[Create Account/Forgot?](#)

### Page: Math Question:



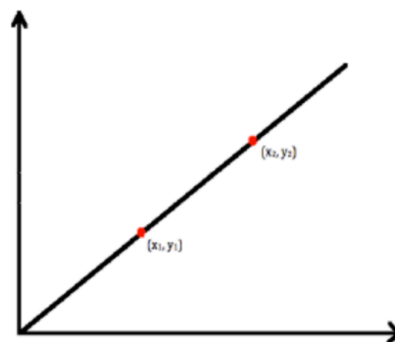
#### Question 1

☐  $y = mx + b$

☐  $(x - h)^2 + (y - k)^2 = r^2$

☒  $y - y_1 = m(x - x_1)$

☐  $(y_2 - y_1) / (x_2 - x_1) = (y - y_2) / (x - x_2)$



## Cosine Page:

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### Question 2

Select the cosine theorem formula.

☐  $\cos(\alpha + \beta) = \cos \alpha \cos \beta + \sin \alpha \sin \beta$

☒  $\sin \alpha + \sin \beta = 2 \sin(\alpha + \beta) / 2 \cos(\alpha - \beta) / 2$

☐  $\sin(\alpha + \beta) = \sin \alpha \cos \beta + \cos \alpha \sin \beta$

☐  $\sin \alpha - \sin \beta = 2 \cos(\alpha + \beta) / 2 \sin(\alpha - \beta) / 2$

Submit & Next Question Cancel & Clear Selection

## Page: English SCO:

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### Question 3

As per the latest twitter news, complete the article snippet given by selecting appropriate choices for the blanks.

☐ Option 1 Mark 1: \$650

☒ Option 2 Mark 1: \$550

When the first mark(\_\_\_\_) is selected show the following options. Do likewise for other marks.

☐ Option 3 Mark 1: \$650

☐ Option 1 Mark 2: Twitter

☐ Option 1 Mark 2: Google

☐ Option 1 Mark 2: Facebook

Submit & Next Question Cancel & Clear Selection

## Audio & Video SCO:

### Question 4

Watch the video and answer the following question. What is the source as mentioned in the video?

- ☐ NASA.Gov  
☒ Data.Gov  
☐ Facebook  
☐ XYZ.net

Submit & Next Question

Cancel & Clear Selection



Expedition 40 Undocks Ending Mission

Source: <https://www.youtube.com/watch?v=ih9jPaZct1w>

## Survey SCO:

File /Users/shakshirichhariya/Documents/cmpe280%20webui/assignment\_2/survey.html



Paused

New Chrom

### Survey

How did you like the center?

Comments:

City:

San Jose

Room Number#:

Room 337

Submit & Get Score

Skip & Get Score

## Survey

How did you like the center?

Comments:

City:

- ✓ San Jose
- San Francisco
- Mountain View
- Palo Alto

Room Number#:

Room 337

## Summary Page:

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## Score Card

### Score Card

#### Quantitative Section

Number of Questions Answered: 2  
Number of Correct Answers: 2  
Score: 100

#### Reading Section

Reading Passage 1

Generative AI, like OpenAI's ChatGPT and Google's Bard, relies on statistical probability. Today's computers are powerful enough to train large language models on billions of pages of text. The models can detect the patterns of language well enough to respond with startling lucidity, but they do not truly understand the subject matter. Given a word or letter, the models reference their training data and determine the word or set of words most likely to come next.

#### Audio/Video Section

Thank You!!

Finish