

# MathPrep

## From the Faculty View

College Math Prep - Windows Internet Explorer

http://mathprep.svcc.edu/

Sauk Valley Community College

College Math Prep

MACS MORaine AREA CAREER SYSTEM

You are not logged in. (Login)

login

Username:

Password:

lost password?

**Welcome to College Math Prep**

The challenge many students face when entering college are the placement exams. Many students have been out of school for years and need remedial skills in order to achieve their dreams of obtaining college degrees.

Educators also face challenges as these students enter their college classrooms.

College Math Prep was developed by Sauk Valley Community College in Dixon, IL. The objective was to prepare students for Math placement exams BEFORE taking the exams.

**Course categories**

Math Prep Teacher Resources	
<a href="#">Sauk Valley Community College</a>	6
<a href="#">AFC High School</a>	2
<a href="#">Amboy High School</a>	1
<a href="#">Bureau Valley High School</a>	22
<a href="#">Dixon High School</a>	36
<a href="#">Fulton High School</a>	2
<a href="#">Milladoreville High School</a>	0

**Faculty member logs on. The faculty logons are created by the regional administrator. The regional administrator then creates the course template for the faculty member.**

**– Our course has already been created.**

**Welcome to College Math Prep**

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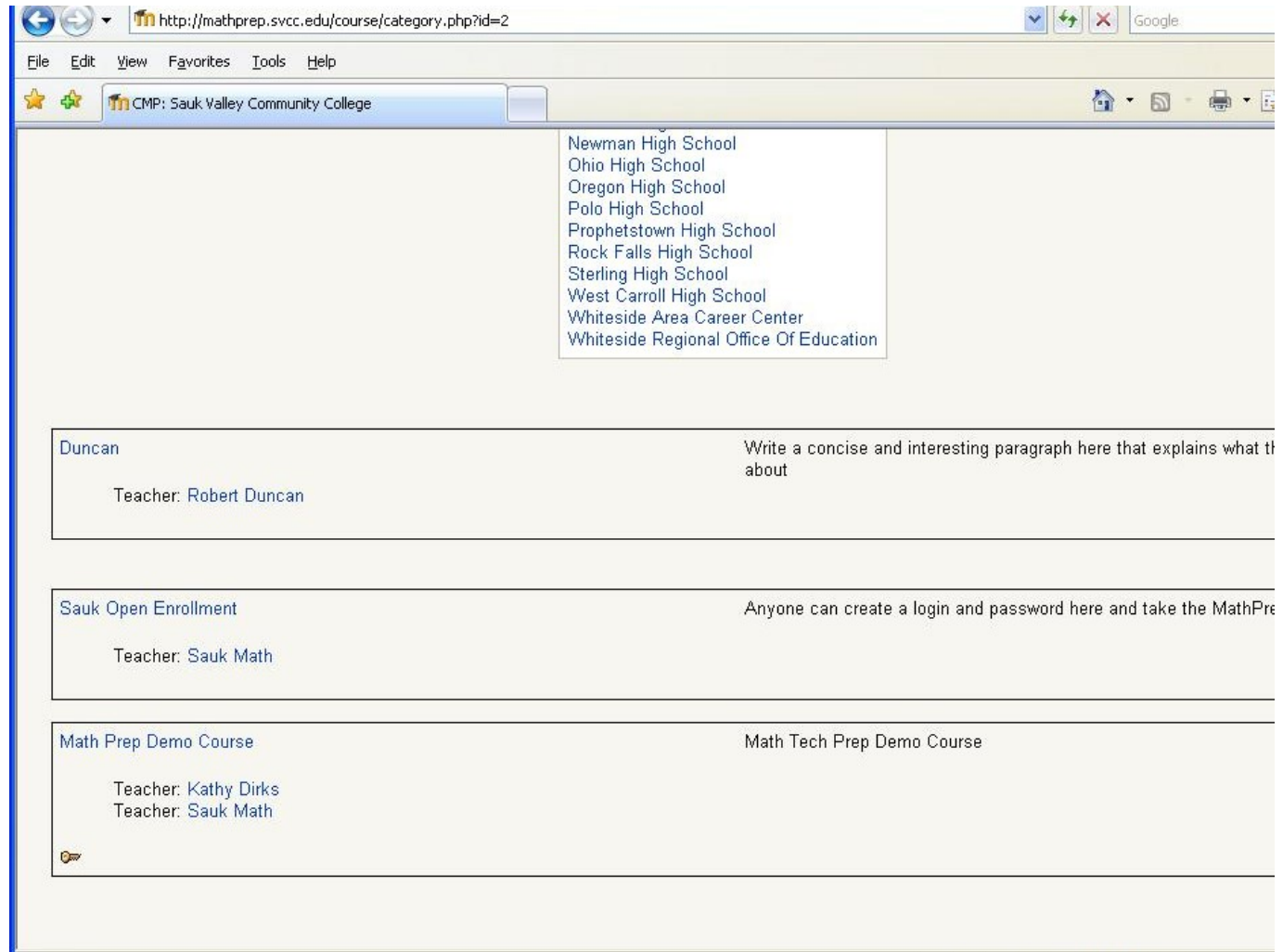
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**Faculty member now selects the institution which they are a member of . In our case, Sauk Valley Community College.**



**Then selects the course that they are assigned.  
Here, ours is the Sauk Open Enrollment course.**

The screenshot shows a web browser window displaying a Moodle course page. The address bar shows the URL: <http://mathprep.svcc.edu/course/view.php?id=220>. The page header includes the Sauk Valley Community College logo and the text "Sauc Valley Community College". The course name is "CMP > SVt2". The page is divided into several sections:

- People:** Includes a "Participants" link.
- Activities:** Includes "Forums" and "Quizzes".
- Search Forums:** Includes a search box and a "Go" button.
- Administration:** Includes links for "Turn editing on", "Settings", "Assign roles", "Groups", "Backup", "Restore", "Import", "Reset", "Reports", "Questions", "Scales", "Files", "Grades", and "Unenrol me from SVt2".
- Topic outline:** A list of modules with checkboxes:
 

Module Number	Module Name	Checkbox
1	Pre-Algebra	<input type="checkbox"/>
2	Elementary Algebra	<input type="checkbox"/>
3	Geometry	<input type="checkbox"/>
4	Intermediate Algebra	<input type="checkbox"/>
5	College Algebra	<input type="checkbox"/>
6	Trigonometry	<input type="checkbox"/>
- Upcoming:** Includes a "Go to calendar" link and a "New Event..." link.
- Recent Activity:** Includes a "Full report" link and a "Nothing new" message.

The course is displayed with each module listed. The faculty member can now pick which “quiz” they would like to review. We will pick Pre-Algebra.

The screenshot shows a web browser window with the URL <http://mathprep.svcc.edu/mod/quiz/view.php?id=1516>. The browser's address bar shows the page title "SVt2: Pre-Algebra". The page header features the Sauk Valley Community College logo and a navigation menu with links for "CMP", "SVt2", "Quizzes", and "Pre-Algebra". Below the header, there are four tabs: "Info", "Results", "Preview", and "Edit". The main content area displays the following information:

- Pre-Algebra**
- Grading method: Last attempt
- Open the quiz: Thursday, 14 July 2005, 07:20 AM
- Close the quiz: Wednesday, 14 July 2010, 07:20 AM
- 100 Students have made 199 attempts

At the bottom of the page, it indicates the user is logged in as "Sauk Math" with a "Logout" link, and the course code "SVt2" is displayed.

**We now see some information (Info) about the quiz and some tabs (Results) (Preview) and (Edit). Let us click on the Results tab.**

http://mathprep.svcc.edu/mod/quiz/report.php?q=1296

Sauk Valley Community College





CMP > SVt2 > Quizzes > Pre-Algebra

Overview Regrade Manual grading Item analysis [[category]]

100 Students have made 199 attempts

First name : All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
 Surname : All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z








Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 ...20 (Next)

<input type="checkbox"/>	<input type="checkbox"/> First name / Surname	<input type="checkbox"/> ID number	<input type="checkbox"/> Started on	<input type="checkbox"/> Completed	<input type="checkbox"/> Time taken	<input type="checkbox"/> Grade / 13
<input type="checkbox"/>	 Jeffrey Boehm	1009	2 December 2006, 02:35 PM	2 December 2006, 03:17 PM	42 mins 26 secs	10
<input type="checkbox"/>	 eric eric	1146	3 December 2006, 07:37 PM	3 December 2006, 08:14 PM	37 mins 13 secs	12
<input type="checkbox"/>		1146	3 December 2006, 08:15 PM	-	open	0
<input type="checkbox"/>	 Nicole Schaefer	1216	5 December 2006, 01:52 PM	5 December 2006, 01:58 PM	6 mins 22 secs	0
<input type="checkbox"/>	 Carol Lovekin	1250	14 December 2006, 09:28 AM	14 December 2006, 10:40 AM	1 hour 11 mins	10
<input type="checkbox"/>		1250	14 December 2006, 10:40 AM	14 December 2006, 10:52 AM	11 mins 59 secs	10
<input type="checkbox"/>		1250	14 December 2006, 10:53 AM	-	open	0

The Overview link is displayed and we can review exams, times, scores by student. We can use the Search functionality of the First name and Surname search tools.

http://mathprep.svcc.edu/mod/quiz/report.php?q=1296

SVT2: Pre-Algebra

	First name / Surname	ID number	Started on	Completed	Time taken	Grade/13
<input type="checkbox"/>	 Jeffrey Boehm	1009	2 December 2006, 02:35 PM	2 December 2006, 03:17 PM	42 mins 26 secs	10
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<input type="checkbox"/>		1250	14 December 2006, 10:53 AM	-	open	0
<input type="checkbox"/>	 Mary Clark	1290	12 December 2006, 06:33 AM	12 December 2006, 06:37 AM	4 mins 3 secs	7
<input type="checkbox"/>	 Filamor Rivera	1291	12 December 2006, 01:36 PM	12 December 2006, 04:27 PM	2 hours 51 mins	12
<input type="checkbox"/>	 Peggy Goldie	1331	19 December 2006, 09:23 PM	19 December 2006, 09:34 PM	11 mins 26 secs	13

Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 ...20 (Next)

Select all / Deselect all With selected   

Display options:

**The faculty member can download the students grades into a spreadsheet or text format.**

http://mathprep.svcc.edu/mod/quiz/report.php?q=1296

Sauk Valley Community College

CMP > SVt2 > Quizzes > Pre-Algebra

Info Results Preview Edit

Overview **Regrade** Manual grading Item analysis [[category]]

100 Students have made 199 attempts

First name : All ABCDEFGHIJKLMNOPQRSTUVWXYZ  
Surname : All ABCDEFGHIJKLMNOPQRSTUVWXYZ

Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 ...20 (Next)

<input type="checkbox"/>	<input type="checkbox"/> First name / Surname	<input type="checkbox"/> ID number	<input type="checkbox"/> Started on	<input type="checkbox"/> Completed	<input type="checkbox"/> Time taken	<input type="checkbox"/> Grade/13
<input type="checkbox"/>	Jeffrey Boehm	1009	2 December 2006, 02:35 PM	2 December 2006, 03:17 PM	42 mins 26 secs	10
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<input type="checkbox"/>		1250	14 December 2006, 10:53 AM	-	open	0

**The Regrade tab allows us to regrade all the quizzes if we were to change one of the answers and the Manual grading allows us to regrade manually. Let us click on Item Analysis.**

http://mathprep.svcc.edu/mod/quiz/report.php?q=1296&mode=analysis

Sauk Valley Community College

CMP > SVt2 > Quizzes > Pre-Algebra

Overview Regrade Manual grading Item analysis [[category]]

### Item Analysis Table

Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 (Next)

Q#	Question text	Answer's text	partial credit	R. Counts	R.%	% Correct Facility	SD	Disc. Index	Disc. Coeff.
(2510)	6 : Without a calculator, find 123 times 456.	56,088	(1.00)	25/45	(56%)	56 %	0.503	0.95	0.83
		54,878	(0.00)	7/45	(16%)				
		597	(0.00)	1/45	(2%)				
		2,536	(0.00)	2/45	(4%)				
(2526)	9 : Simplify $\frac{42}{105}$	$\frac{6}{15}$	(0.00)	7/18	(39%)	33 %	0.485	0.25	0.37
		$\frac{2}{5}$	(1.00)	6/18	(33%)				
		$\frac{42}{105}$	(0.00)	1/18	(6%)				
		$\frac{14}{35}$	(0.00)	1/18	(6%)				

Here we see statistics on how the students have responded to each question in the database.

http://mathprep.svcc.edu/mod/quiz/report.php?q=1296&mode=analysis

SVT2: Pre-Algebra

		x=192	(0.00)	1/33	(3%)				
(2514)	7 : 18 -3 = ?	6	(0.00)	3/47	(6%)	79 %	0.414	0.85	0.65
		-6	(1.00)	37/47	(79%)				
		-54	(0.00)	0/47	(0%)				
		54	(0.00)	2/47	(4%)				
(2542)	1 : Evaluate $2y^3$ for $y = -3$	54	(0.00)	2/24	(8%)	50 %	0.511	0.71	0.69
		-54	(1.00)	12/24	(50%)				
		-18	(0.00)	4/24	(17%)				
		18	(0.00)	1/24	(4%)				

Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 (Next)

Analysis options:

Attempts to analyze per user:

Don't analyse if score is less than:  %

Questions per page:

You are logged in as Sauk Math (Logout)

SVT2

**We can change the exams we analyze to first, highest, all, etc. from the pulldown menu. We can further delineate by score. Downloads are also available here. Now let us click on the category link.**

http://mathprep.svcc.edu/mod/quiz/report.php?q=1296&mode=category

Sauk Valley Community College

CMP > SVt2 > Quizzes > Pre-Algebra

Info Results Preview Edit

Overview Regrade Manual grading Item analysis [[category]]

### Item Analysis Table ?

ID	Category	Correct	Total	Percent
4	Math Prep	1368	2613	52.35%
2	Math Prep: Pre-Algebra	1368	2613	52.35%
12	Math Prep: Pre-Algebra: Exponents, radicals, and polynomials	187	402	46.52%
9	Math Prep: Pre-Algebra: Fractions	176	402	43.78%
13	Math Prep: Pre-Algebra: Geometry and data analysis	87	201	43.28%
10	Math Prep: Pre-Algebra: Linear equations	201	402	50.00%
11	Math Prep: Pre-Algebra: Measurement, proportion, and percent	214	402	53.23%
8	Math Prep: Pre-Algebra: Signed numbers and variables	252	402	62.69%
7	Math Prep: Pre-Algebra: Whole Numbers	251	402	62.44%

Analysis options:

Attempts to analyze per user:

Don't analyse if score is less than:  %

?

**We can now see the results of an quiz from the subcategory summary. These categories are specific to each quiz, in this case Pre-Algebra. As with Item analysis, you can select subsets to see last attempt, etc.**

http://mathprep.svcc.edu/mod/quiz/attempt.php?q=1296

SVT2: Pre-Algebra

Sauk Valley Community College

CMP > SVt2 > Quizzes > Pre-Algebra > Attempt 1

Info Results Preview Edit

Preview Pre-Algebra

Start again

1 Marks: 1

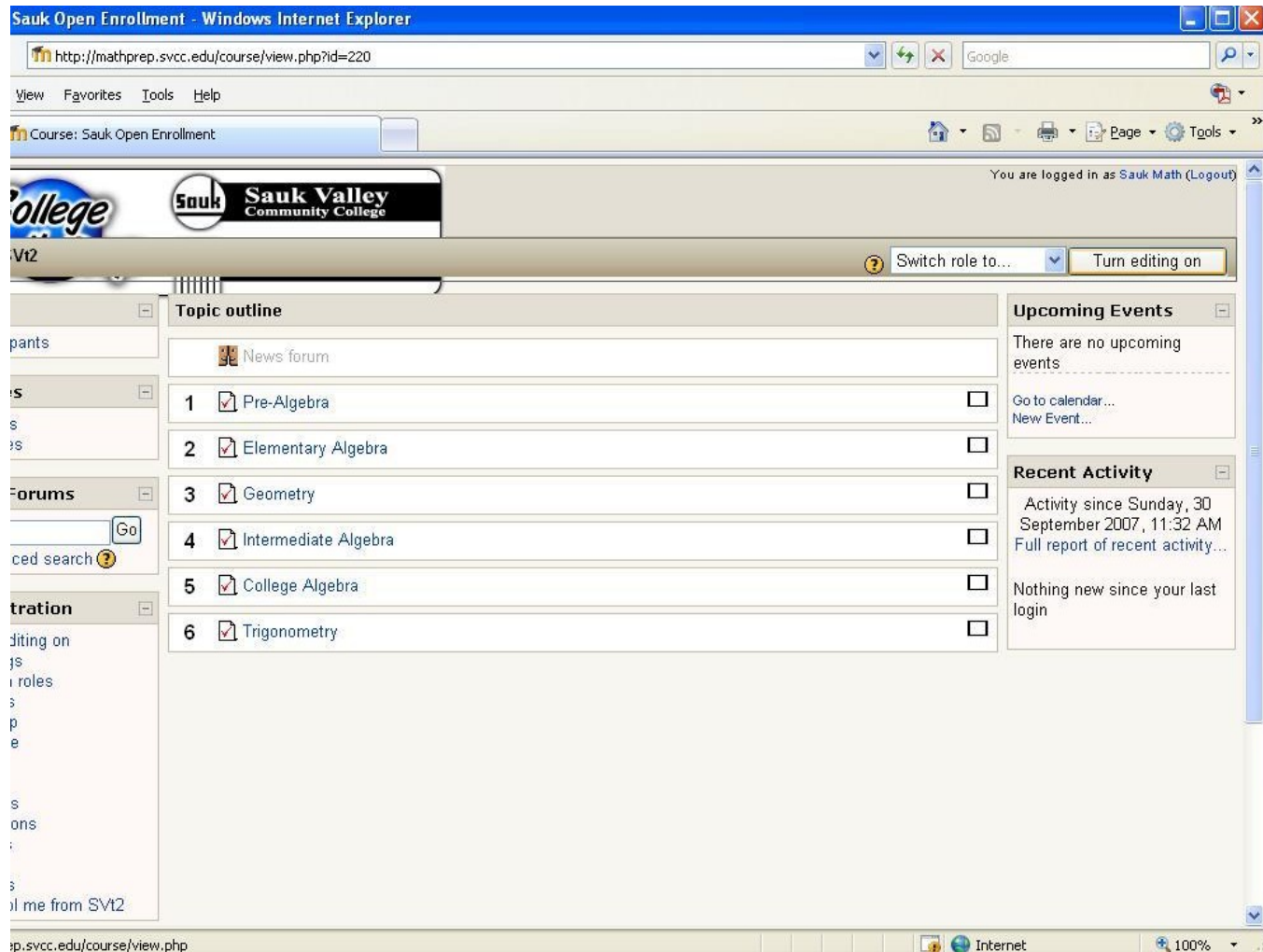
If a taper on a hole is  $\frac{3}{8}$  per foot with a hole 4 inches long. The small end is  $\frac{7}{8}$  what is the diameter at the large end?

$$\frac{3}{8} \div 12 = \frac{5}{16}$$
$$\frac{5}{16} \times 4 = \frac{1}{8}$$
$$\frac{7}{8} + \frac{1}{8} = 1.00$$

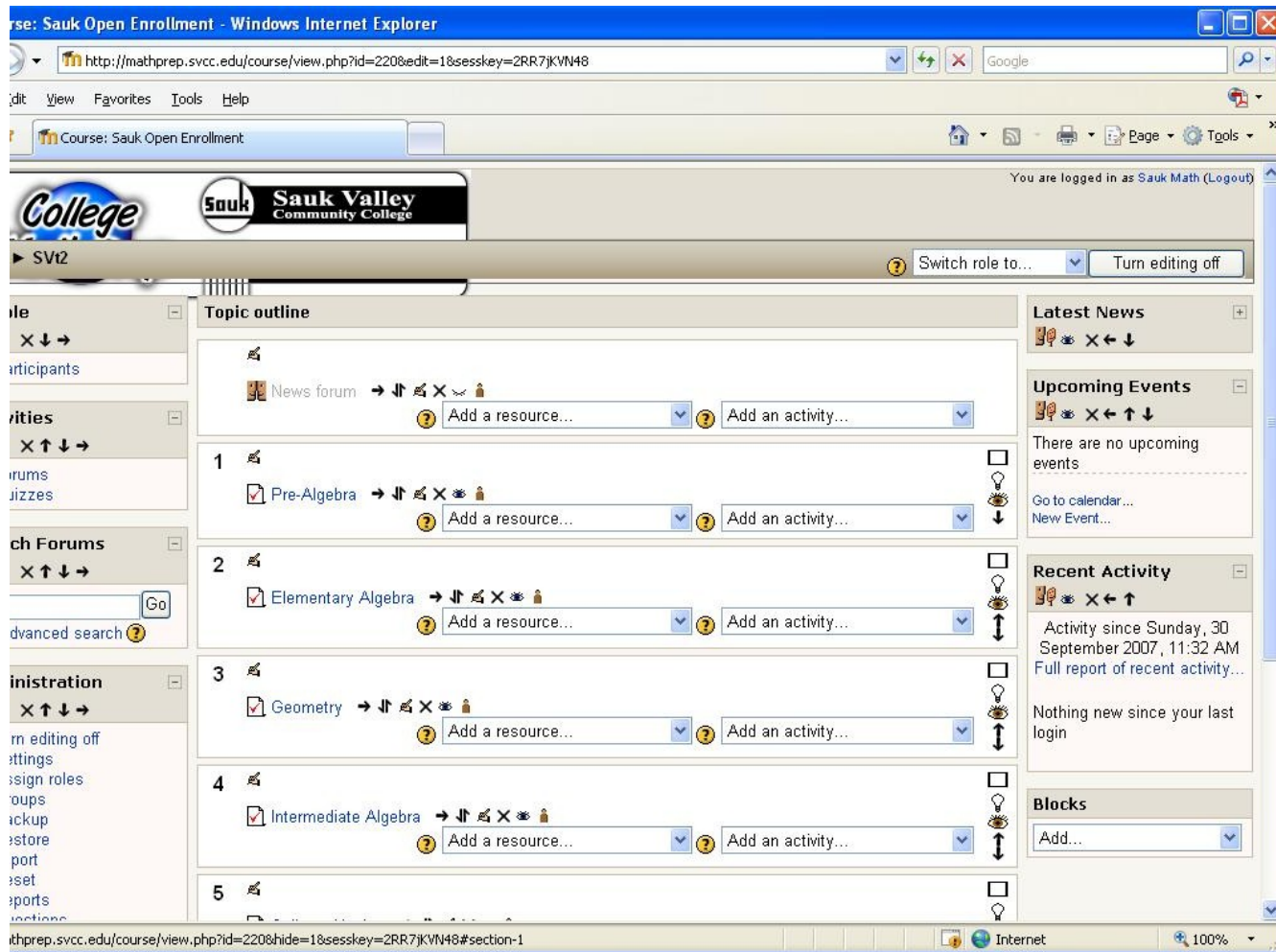
Choose one answer.

- a. 1 inch
- b.  $1 \frac{1}{8}$  inches
- c.  $1 \frac{3}{16}$  inches
- d.  $1 \frac{1}{2}$  inches

**Click the Preview tab to see all the questions in the database for the particular quiz.**



**Modification to the initial quiz can be made through the turn on editing button. We have provided training and training should be provided by the regional partner before its use.**



Through turning on editing you can hide/unhide quizzes by clicking the eye icon. One can do a considerable amount of editing/changing the question, making your own exam from the database, etc.