# Auto Multiple Choice - Feature # 260: answers in scientific notation (\AMCnumericChoices)

Status:	Closed	Priority:	Normal		
Author	mathuser	Category:	LaTeX		
Created	01/25/2014	Assignee:	Latox		
Undeted.	07/25/2014	Assignee.			
	03/06/2018	Due date:			
Description:	same format as displayed by a pocket calculator when setting SCI and e.g. FIX 2 (normalized scientific form				
	or standard form): -0.13579 is displayed as -1.36E-1 So there would be two numbers to code: the significand (e.g. digits=3, decimals=2, sign=true) and the exponent (e.g. digitsexponent=1, signexponent=true), both with an optional sign and the letter "E" displayed between the two numbers. All in all the above number would have 6 lines in vertical mode:				
	<ul> <li>– 1</li> <li>.</li> </ul>				
	3				
	6				
	E				
	-1				
	Detail: Zero should be coded as 0.00E0, but minus signs should also be allowed and also different				

#### History

### 10/20/2014 05:56 pm - Alexis Bienvenüe

- Target version deleted (1.3.0)

- Assignee deleted (Alexis Bienvenüe)

#### 11/28/2014 10:52 pm - math user

I do not need this feature anymore, so this feature request can be deleted.

### 01/14/2015 06:20 pm - Lucas Silva

I'm assuming this feature hasn't been implemented, but I absolutely need it. Is there any way for me to work around the lack of this feature?

### 01/14/2015 07:48 pm - Alexis Bienvenüe

If you have some LaTeX skills: look at the code for @AMCnumericChoices@, and extend it. If you do so, please propose a patch to include it in AMC!

### 01/15/2015 12:28 pm - Lucas Silva

Ive only taken a basic programming course, but I suppose I could give it a try. Where do I even begin looking into this?

## 10/13/2017 04:26 pm - Alexis Bienvenüe

- Status changed from New to Feedback
- File expo.tex added
- File subject.pdf added

Added with revision commit:5dfade6a0bba. See attached LaTeX sample files.

## 10/13/2017 04:31 pm - Alexis Bienvenüe

- Target version set to 1.4.0

## 03/06/2018 09:29 am - Alexis Bienvenüe

- Status changed from Feedback to Closed

- % Done changed from 0 to 100

Files			
expo.tex	1.2 kB	10/13/2017	Alexis Bienvenüe
subject.pdf	77.6 kB	10/13/2017	Alexis Bienvenüe