

AcroTeX.Net

**The `exerquiz` package
On the `insertAt` key, and its
supporting commands for the
quiz environment**

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Discussion

This article continues some work on enhancing the quiz environment; here we explore the placement of $\langle content \rangle$ in the command,

```
\answersEndHook{\langle content \rangle}
```

in combination with `insertAt= $\langle n \rangle$` , which is an option key-value of the `\bChoices` command, and with `\setAnsEnvLinewidth`,

```
\setAnsEnvLinewidth{\langle length \rangle}
```

which is used to change the `\linewidth` within the `answers` and `manswers` environments.

Prior to this work, when `\answersEndHook` is declared, $\langle content \rangle$ appears *centered* in the `answers` and `manswers` environment when in `tabular`-mode, and appears on the *last item* in the list when in `list` mode.

In the `quiz` environment, `\answersEndHook` does not play the critical role as it does for the `shortquiz` environment; however, both commands `\answersEndHooks` and `\setAnsEnvLinewidth` can be used for various special effects, limited only by your imagination.

Throughout the examples below, `\answersEndHook` is declared as

```
\answersEndHook{\hfill\makebox[Opt][r]{DPS}}
```

Begin Quiz Various placements of $\langle content \rangle$ (DPS)

1. Which of the following numbers are prime? (`manswers`, `tabular` mode)

1	2	3	4		DPS (first row)
5	6	7	8		

2. In what year did Columbus sail the ocean blue? (`answers`, `list` mode)

1490	
1491	DPS (second item)
1492	
1493	

3. Which of the following best describes Augustin Cauchy?

He developed Calculus while his University was closed for the plague. (Not COVID-19)	DPS (first line of first item)
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Given credit for first using the functional notation $f(x)$.

He created the “bell-shaped curve” and first used the method of least squares.

He first formulated a precise definition of the limit and continuity of a function.

End Quiz