Math Quiz

Write a function named `random_number` that returns a random integer. The function should have one argument which specifies how many digits the random number it returns should have. Then use this function in a program that gives the user a simple math quiz. The program should display a random two digit number and a random three digit number that are to be added, such as

$$
\begin{array}{r}
47 \\
+ \quad 329 \\
\hline
\end{array}
$$

The program should then allow the user to enter the answer. If the answer is correct, a message of congratulations should be displayed. If the answer if incorrect, a message showing the correct answer should be displayed.

Finally, format your program to match the samples below, being sure to align the two integers as shown. Since the numbers should be randomly generated from your own code, your program will display different characters than the sample. User input in the sample has been highlighted in Pappy's Purple to distinguish it from the program's output, but your user input does not need to be colored. Save your program as `math_quiz.py` and submit it along with a screenshot showing 3 test runs. Be sure to include both correct and incorrect results in your screenshot.

```
Terminal

$ python math_quiz.py
   13
+ 526
-----
= 1
Incorrect. The correct answer is 539.
$ python math_quiz.py
   89
+ 369
-----
= 458
Correct -- Good Work!
$ python math_quiz.py
   70
+ 240
-----
= 42
Incorrect. The correct answer is 310.
```