

Re: it's just simple questions..please answer these.

## Re: it's just simple questions..please answer these.

---

*Source:* <http://sci.tech-archive.net/Archive/sci.math/2005-11/msg03940.html>

---

- *From:* quasi <[quasi@xxxxxxxx](mailto:quasi@xxxxxxxx)>
  - *Date:* Fri, 25 Nov 2005 03:32:55 -0500
- 

On 24 Nov 2005 23:23:13 -0800, "yakuza" <[koninja@xxxxxxxxxxxx](mailto:koninja@xxxxxxxxxxxx)> wrote:

>hi nice to see all of you here this group  
>I've got some problems in doing mathematics. and they are so simple  
>so please don't go off now~~!  
>first of all the statement of the exercise is 'perform the indicated  
>operations on a calculator. Assume that all numbers are approximate.'  
>and the problems are  
>  
>1.  $3.168 + 53.91 \div (-17.85)$   
>2.  $0.0350 - 0.0450/1.909$  <----- as you knew, on  
>the right is a fraction.  
>  
>as you knew  
>  
>the operations with approximate numbers  
>1. When approximate numbers are added or subtracted, the result is  
>expressed with the precision of the least precise number.  
>2. When approximate numbers are multiplied or divided, the result is  
>expressed with the accuracy of the least accurate number.  
>3. When the root of an approximate number is found, the result is  
>expressed with the accuracy of the number.  
>and in the addition, where there is a combination of operations, the  
>final operation determines how the final result is to be rounded off.  
>for instance,  
>in  $38.3 - 12.9(-3.58) = 84.482$ , we know that  
>  $38.3 - 12.9(-3.58) = 38.3 + 46.182 = 84.482$   
>if those numbers are approximate, we must round off the result to  
>tenths, which means the sum is 84.5  
>(if my explanations are not sufficient then request more and then I'll  
>do more)  
>in the book, the solutions are written as  
>  
>1. 0.148  
>2. 0.0114  
>  
>do you think it is right? I think it is strange. I think the solutions  
>to them is to be written as

Re: it's just simple questions..please answer these.

Re: it's just simple questions..please answer these.

>

>1. 0.15

>2. 0.011

>

>what do you think of it??

>please give some advice about it.

The range of possible answers is:

for problem (1): .1462055198 to .1494577149

for problem (2): .01134507467 to .01150980623

so I like your answers better than the answers from the book.

quasi

.

---

• **References:**

◆ ***it's just simple questions..please answer these.***

◇ *From: yakuza*

• Prev by Date: ***Re: Finding the Minimum Point – A Word Problem***

• Next by Date: ***Re: Well Ordering the Reals***

• Previous by thread: ***it's just simple questions..please answer these.***

• Next by thread: ***Re: it's just simple questions..please answer these.***

• Index(es):

◆ ***Date***

◆ ***Thread***