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Subject: simple array math question

Posted by [Sean Raffuse](#) on Thu, 16 Jan 2003 20:05:27 GMT

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Hello.

Here is what I believe will be a pretty simple question.

```
>> a=[[1,2,3],[4,5,6],[7,8,9]]
```

```
>> b=[1,2,3]
```

What is the best (read, fastest) way to multiply b by each individual row of a? I would like to return a result of:

```
[[1,4,9],[4,10,18],[7,14,27]]
```

assuming my arithmetic is correct.

Thanks in advance,

Sean Raffuse

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