

## CoCoALib - Bug #1773

### CyclotomicFactorIndexes: gave wrong answer

09 Dec 2023 13:45 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	09 Dec 2023
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Maths Bugs	<b>Estimated time:</b>	0.99 hour
<b>Target version:</b>	CoCoALib-0.99850	<b>Spent time:</b>	0.95 hour
<b>Description</b>			
I got a wrong answer from CyclotomicFactorIndexes; it missed the index 6			
<pre>/**/ g := cyclotomic(3,x) * cyclotomic(4,x) * cyclotomic(6,x); /**/ CyclotomicFactorIndexes(g); [3, 4]</pre>			

#### History

##### #1 - 09 Dec 2023 14:02 - John Abbott

- Status changed from New to Resolved

- % Done changed from 0 to 80

I think I have fixed it now. I'd better add a test.

##### #2 - 22 Dec 2023 21:30 - John Abbott

- Status changed from Resolved to Closed

- % Done changed from 80 to 100

- Estimated time set to 0.99 h

I have added an exbug test.

Closing.