

# Re: really easy trig question

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*Source:* <http://sci.tech-archive.net/Archive/sci.math/2005-08/msg06121.html>

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- *From:* [matt271829-news@xxxxxxxxxxxxx](mailto:matt271829-news@xxxxxxxxxxxxx)
  - *Date:* 31 Aug 2005 04:16:22 -0700
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.. wrote:  
> Hi All,  
>  
> I used to know this, but my brain has got rusty with age.  
>  
> Why is it that  $\sin(\pi/3) = (\sqrt{3})/2$  ?  
>  
> Thanks for your help  
>  
> Michael

Draw an equilateral triangle, and drop a perpendicular from the apex to the base. Then a bit of Pythagoras and you should be done.

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