
Subject: Re: ask a stupid Q give a stupid A
Posted by [msgtpain](#) on Sun, 21 Aug 2005 19:19:41 GMT
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z310 wrote on Sat, 20 August 2005 18:54da_bitch, which has more surface area, a round object with a diameter of 4in, or a square with a diameter of 4in? And wouldn't that explain why disks are round? A HDD has several round disks located inside of it, FYI.

Actually, no.. it wouldn't explain it.. because a 4x4 square has more surface area than a 4d circle. Only a fraction of the actual surface area is used on a typical compact disc; surface area doesn't have anything to do with it. If you simply close your eyes and imagine it spinning around in your drive, which parts of the 4x4 square would be completely worthless? --- the parts outside the 4d circle.

It was simply the easiest way to read media with an input which only has to move on one axis.
