

1923-34

Ques. If $\sin \theta = \frac{3}{5}$, then find the value of $\cot^2 \theta + \operatorname{cosec}^2 \theta$

Soln. Given $\sin \theta = \frac{3}{5}$, then $\cos \theta = \pm \sqrt{1 - \sin^2 \theta} = \pm \sqrt{1 - \left(\frac{3}{5}\right)^2} = \pm \frac{4}{5}$

Ans. $\cot^2 \theta + \operatorname{cosec}^2 \theta$

Ques. If $\operatorname{cosec} \theta = \frac{5}{3}$, then find the value of $\cot^2 \theta + \operatorname{cosec}^2 \theta$

Soln. Given $\operatorname{cosec} \theta = \frac{5}{3}$, then $\sin \theta = \frac{3}{5}$

Ans. $\cot^2 \theta + \operatorname{cosec}^2 \theta$

344,00
344

Dear Mrs. Wright,
I am very sorry to have to trouble you, but I have been thinking over the
matter, and I have come to the conclusion that it would be better for me to go
to the University of Michigan for my higher education.

2000
1998
1996

John L. Lewis

— 4 —

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A photograph of a whiteboard or paper with handwritten text and a red stamp. The text on the left side reads "→ |Eh| < ε". Below this, there is more handwritten text that is partially obscured by a red rectangular stamp. The stamp contains the word "PROOF" in capital letters, with some smaller text below it that is illegible.

Barrett. I am glad to be
able to add to my
knowledge.

Quesadilla, 12oz. Shredded Cheddar, 12oz. Flour tortillas, 1lb. Ground beef.

W. H. G. - W. H. G. W. H. G. W. H. G.

$$\frac{21}{2} \sin \left(\frac{1}{2} \arctan \frac{\sqrt{3}}{2} \right) = \frac{21}{2} \sin \left(\frac{1}{2} \arctan \frac{\sqrt{3}}{2} \right) + \frac{21}{2} \sin \left(\frac{1}{2} \arctan \frac{\sqrt{3}}{2} \right)$$

~~for~~ ~~the~~ ~~one~~
~~I~~ ~~will~~ ~~not~~ ~~be~~ ~~able~~ ~~to~~ ~~do~~ ~~what~~ ~~you~~ ~~want~~
~~to~~ ~~do~~ ~~what~~ ~~you~~ ~~want~~
~~for~~ ~~me~~ ~~to~~ ~~do~~ ~~what~~ ~~you~~ ~~want~~

$$g(x) = \frac{1}{2}x^2 - \frac{1}{2}x + \frac{1}{2}$$

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