

Spicy Question #21



Find the exact value of $\frac{3[\tan(60^\circ) + \tan(45^\circ)]^2}{2\sin(60^\circ) \times 5\sin(30^\circ)} \div \frac{2\sin(45^\circ)}{\cos(30^\circ) + \tan(30^\circ)}$

Give your answer in the form $a\sqrt{b} + \sqrt{c}$ where a , b and c are integers.



NO Calculator

SUBMISSION DEADLINE 30/1/23 - 8:30PM

Video
Solution



All submissions to be emailed to 1stclassmaths@gmail.com

Full terms and conditions: www.1stclassmaths.com/spicy-questions