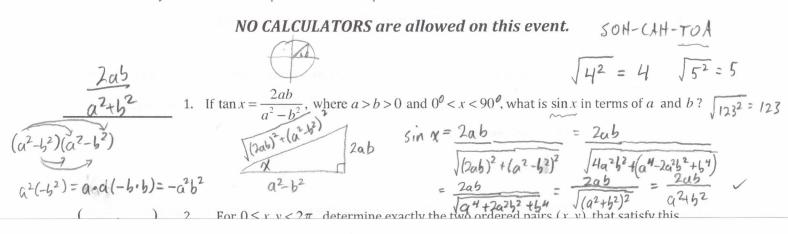
SMadernay EAH SOR MT Form CD



Minnesota State High School Mathematics League 2018-19 State Tournament, Individual Event C

Question #1 is intended to be a quickie and is worth 1 point. Each of the next three questions is worth 2 points. Place your answer to each question on the line provided. You have 15 minutes for this Tournament event.





Minnesota State High School Mathematics League 2019-20 State Tournament, Individual Event C

Question #1 is intended to be a quickie and is worth 1 point. Each of the next three questions is worth 2 points. Place your answer to each question on the line provided. You have 15 minutes for this Tournament event.

C= 170 = 2971

NO CALCULATORS are allowed on this event.

C=211 (unit

T, 307, 507, If the positive solutions to the equation $\cos x = -1$ are listed in increasing order, determine exactly, in radians, the 2020th solution in the list.

Cos x = -1 for $x = 180^\circ = 77$, 377, 577, ..., 1117

nth colubin is (2n+1) 17 n=2020, then (2n+1) 17= (2.2020 - UT) =