

emoji-laden StupendouSly Spicy meme onSlaughter

year: 2017



19th elSSmo
pitSburg, pa



day: 2

*the day of Saturday which happens to be the Seventeenth day of the Sixth month, that is the month of June, of this right year of two thousand and ten and Seven
12:15pm — 4:45pm eaStern Standard time*

note. the firSt page of any SubmiSSion to a geometry queStion muSt be a full-page, to-Scale diagram that iS **correctly labeled**. failure to abide by thiS requirement will reSult in an S point deduction, where S iS a poSitive integer decided while grading by rolling a die. note that the value for S may differ from perSon to perSon.

problem 4. an 100 integer 🍆 > 2 🍌 iS called 🍌 juicy af 🍌 if, fo' all yo 📦poSitive📦 integer homieS 😊, 😞 whom'St'd add 💧💧💧 to 🍆, at leaSt one 🍌 of 🍌, 🍌 terminateth 💧💧💧 whence'St whom iS 🍌 written🍌 in the manner of decimality 100 100 100. do 🤔🤔 there exiSt an infinite numB'er of juicy af 💧💧💧 numB'erS?

problem 5. let 🌟 be th complet' graf on 2017 dotS, with an edg between each dot. every edg in 🌟 iS labeled eider one 🍌 or two 🍌 or three 🍌 Such dat all the ▲ in 🌟 have the labelS of their edgez adding to at the very leaSt five✓✓✓ find the moSt unthiB'eSt averag of all da labelS of the edgez of 🌟.

problem 6. help we loSt a function ❤️ : $\mathbb{R} \rightarrow \mathbb{R}$ 🤔🤔🤔 we know it haS Such a property that if we have 🍌 + 💡 + 📧 ≥ 0 den ❤️(🍌³) + ❤️(💡³) + ❤️(📧³) ≥ 3 ❤️(🍌 · 💡 · 📧) but if 🍌 + 💡 + 📧 ≤ 0 den ❤️(🍌³) + ❤️(💡³) + ❤️(📧³) ≤ 3 ❤️(🍌 · 💡 · 📧). pleaSe help uS find all poSSible functionS with Such a *Special* property So that we can get our function back.

Translation Sheet

- A group of three emojis in a row is meaningless, except in a geometry problem.
- thiB'eSt means "greatest."
- 🌟 is correctly rendered. It means "square."
- "barrycenter" means the center of mass, i.e. the midpoint, centroid, etc.
- "🍌" means sir kill.
- ▲ represents three vertices and the edges joining them

*time limit: 1620000000000 nanoSecondS.
each problem iS worth 🕒 pointS.*