

Gold Awards of Senior Section

S02 How To Draw Ellipse By Compass And Straight Edge Construction?

The article was well organized with use of relevant mathematics. Limited by the formulation of the problem, it seemed difficult to work out a concrete example for the later parts. The author can also refer to Pascal's Theorem.

S22 Deal Or Not Deal

The article was well structured. The mathematics used was simple. It would be good for data-fitting type of statistics.

Silver Awards of Senior Section

S16 Nim

The use of dialogue to explain the game of Nim made the work friendly and funny. The exposition was good and examples were well chosen.

S06 Kaprekar Constant

The introduction was clear and the analysis was complete. The overall organization was well structured.

Bronze Awards of Senior Section

S23 The Secret of Golden Fried Rice

The idea was interesting and the graphics are nice. It demonstrated an interesting usage of volume and surface area formulas.

S20 Area of Rectangle

The author used a basic formula to illustrate some deep mathematics. The appendix

also contained good mathematics.

S09 Seven Bridges of Konigsberg

The artwork was good and the exposition was clear. The example was standard but the twist at the end was nice.