

Solutions Are Wanted in Case of Pole Teaser

Plenty of Answers Lack Method Used in Solving Problem.

By THE PROBLEM EDITOR.

WHASSAMATTER! WHASSAMATTER! WHASSAMATTER!

"Shall we gather strength by irresolution and inaction? Shall we acquire the means of effectual resistance by lying supinely upon our backs, and hugging the delusive phantom of hope, until the enemy shall have bound us hand and foot?"

If Patrick Henry were here now, he'd have something to holler about. For, although Fans have come to our rescue on the flagpole "teaser" nary a one has offered to tell us how he did it.

ANSWERS: ANSWERS: ANSWERS:—BUT NO SOLUTIONS.

The problem editor didn't tackle this one himself until the eleventh hour. He believes he has the process and the correct answer, worked on an hypothesis similar to that advanced by "Ichabod" of Duluth. But the answer is considerably different from the one obtained by "Ichabod". So grant the Prob. Ed. one more day to check his figures, prepare a sketch,and trust that the mail brings at least one confirmation of his judgment.

The poor little bookworm! He made his feast on just two thicknesses of book cover, i. e., $\frac{1}{4}$ of an inch in thickness.

To prove it, go to your bookcase, see how the volumes are deposited therein—with Page 1 and cover of Vol. 1 snuggled against the last page and cover of Vol. 2. (Vol. 2 always lies at the right of Vol. 3, does it not?) It wasn't a teaser at all. Just required a little concentrated thinking.

Those who step to the head of the class are: F. Mike Seeley, Elwabik; J. W. G., Duluth, who is "ours teasingly"; "Old Dad", Ericsburg; R. N. Orr, Woodland; J. S. Duluth, who gets it right the second time; George Kelly, Carson Lake, who triumphantly asserts, "The book only needs to be rebound"; "Ye Stude", Duluth; and Art Engstrom Two Harbors.

Inasmuch as there really was no excuse for falling down on this one we are going to publish those of our fans who slipped up:

E. H. Z., Duluth; G. H. H., St. Paul; W. C., Duluth Frosh; K. E. W., Duluth; Raymond Perlman, Eveleth; "Ichabod", Duluth; K. M. Bashaw, 3435 Traverse street, Duluth; "Mac", Duluth; "Kipp", Two Harbors; D. R. S., Superior; Katie Karaba, Moquah, Wis.; C. C., Duluth; F. J. R. Duluth; Odella Person, 2304 Exeter street, Duluth; "Dumbbell" who thinks $1\frac{1}{4}$ should be right, but it must be wrong; it seems too easy (Howdja guess it!); C. D. C., Duluth; W. C. S., Chicago; R. S. S.; Ashland; "Nabob", Chishelm and P. Z., Duluth.

IT'S A SHAME, BUT WE JUST HAD TO DO IT.

Here's the problem again, so that you can all see what you missed:

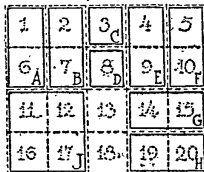
Vol. I and Vol. II are standing in the regular order in a book case. The covers of each volume are one-sixteenth of an inch thick and the reading matter is three-fourths of an inch thick.

A hungry book worm gets into the case, begins eating at Volume I, page 1 and eats to the last page of Volume II. How far, in inches, does he eat?

Now let us say that "Ichabod" correctly diagnosed the waiter's problem, as did K. E. W., Duluth. R. N. Orr of Woodland figured the distance between the trains; W. C. S. of Chicago tells how many ladies were ferried across the river. (He admits he's forgotten so much geometry that the one about "Old Dad's" pipes is too much for him).

In response to the Prob. Ed's want ad of yesterday, K. E. W. of Morgan Park and "Ichabod", Duluth, have moved the blocks in their proper sequence.

"I have made about 60 moves," wails K. E. W. Just 54, to be exact. There are that many!



Here we have a card with 20 squares, numbered from 1 to 20. We also have 9 blocks, 6 of which are oblong—A, B, E, F, G and H; two are small squares C and D; and one is a large square block—J.

The "teaser" is to slide the blocks about on the card so that Block J will change positions with Blocks G and H.

The answer must include a complete description of the

moves made to bring this about.

And here we are, 24 hours after the coconuts were divided for the last time, and no one has been able to tell how many there were. Is the monkey the only person who knows the answer?



As you already know, the "Mystery ship" was so short of provisions during her sail to the Isle of Yap that 15 of the crew had to walk the plank, in order that the remaining 15 might not starve before land hove in sight.

So—As soon as the Isle of Yap was reached, three men were sent ashore to obtain food.

Before nightfall they had succeeded in gathering quite a pile of coconuts—and a monkey, which was to become the "Mystery" mascot. Then they lay down to sleep, leaving the monk to guard the coconuts.

During the night A wakes up, decides his companions are not honest, so divides the coconuts into three piles, giving the monkey one nut, so that the division will be equal. Then A buries his third, heaps the remaining two-thirds into one pile, and goes to sleep again.

During the night B and C, each prompted by a distrust of the others, repeat A's performance, in each division finding it necessary to give the monkey one coconut in order that the piles might be divided evenly.

In the morning A, B, and C divide the remainder into three piles, again giving the monkey one coconut to make the division even. They also note that, if each were to give the monkey one more coconut, the monkey's supply would exceed that of A, B, or C by one nut (not counting those hidden during the night).

Question How many coconuts did A, B and C gather the previous day? Just a word from "Old Dad" in closing.

"Pretty cute," he says, referring to the bookworm. "Just got my News Tribune about 10 minutes ago and after reading the new teaser and the Editor's confession, began looking for the 'nigger in the fence'.

"Yep, I found it. The way these books stand that worm didn't get much of a meal. Just ate through the first cover of Vol. 1 and the last cover of Vol. 2, one-eighth of an inch."

We haul in the gangplank until tomorrow. Mail solutions to the Problem Editor, Duluth News Tribune.