## BAPHL15 Solution: Dastardly Dungeons

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The first step is to solve the six mazes on the first page. Each one has a unique solution from start to finish that follows a pattern and leaves six leftover squares.

Each maze starts at $S$ and ends at $E$. Occasionally there are other letters ( $A$ and $B$ ) which are areas that link to each other in the mazes.
+1: For this one, you just follow the arrows in the direction they point.
+2 : This is the sequence $1,2,3,4, \ldots$ written out as ONE, TWO, THREE, $\ldots$, leaving only the first letter, so it's OTTFFSSENT...
+3: This is the rainbow color order Red, Orange, Yellow, Green, Blue, Indigo, Violet or ROYGBIV
+4: These are cardinal directions and you go in the direction it tells you to
+5 : These are zodiac signs that you follow in their order
+6 : These are the first letters of months of the year, that you follow in calendar order JFMAMJJ...

One you solve all six mazes, you may notice that every maze has six leftover squares and that no maze has the same leftover squares.

You need to shift the letter on the final grid by the amount specified on its corresponding leftover square on the first page. In other words, if grid 1 has a leftover square in the upper left, you would shift that letter on the final grid by 1 . If grid 5 had that square, you would shift it by 5 .

Doing this for all squares results in a new maze, for which the new sequence is the alphabet. Taking the leftover letters, it spells PAPERWEIGHT.

Submitting this resulted in the app telling you to go to GC to pick up your commemorative BAPHL paperweight (which was a crumpled piece of paper). Uncrumpling the paper you could read the message ANSWER FIANCEE. The answer was FIANCEE.

