## Problem 85: Counting rectangles

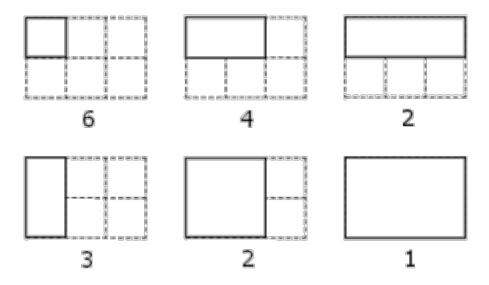


Figure 1: p385

By counting carefully it can be seen that a rectangular grid measuring 3 by 2 contains eighteen rectangles: Although there exists no rectangular grid that contains exactly two million rectangles, find the area of the grid with the nearest solution.

## **Explanation**

By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that things work. By analyzing this problem carefully, we can see that

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