Practicing problems in preparation for an exam is vitally important. It is most helpful when you work problems outside of the chapters. Creating a box of problems is particularly useful in the following classes:

<table>
<thead>
<tr>
<th>Math</th>
<th>Chemistry</th>
<th>Physics</th>
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</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>Stats</td>
<td>Genetics</td>
</tr>
</tbody>
</table>

This study strategy mimics the random lay out of problems on an exam. To be prepared for exams, it is important that you not just memorize patterns, but that you fully understand when certain equations are used and how to solve them.

1. Cut paper into small squares.
2. Write problems from multiple chapters/sections each on their own piece of paper.
3. Take a box and put the problems into it.
4. Start adding problems to your box at the beginning of the course. Continue adding to your box as you learn new types of problems. If your professor posts practice exams, be sure to add those problems as well as problems from past exams.
5. Randomly select problems to practice. Be sure to check your answers and re-work through the problem if you do not get it correct on the first try.
6. Practice consistently for best understanding. Set aside time each day to select a problem(s) such as before or after you start your math homework. This is also a great study strategy for when you have a short time in between classes.