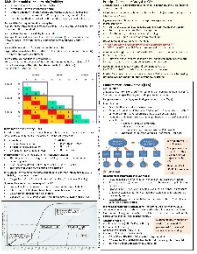
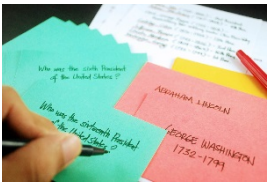
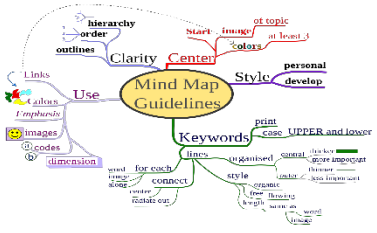


Active Study Tasks – Preparation & Review Strategies

STUDY TASK	HOW TO PREPARE	HOW TO REVIEW
<p style="color: red; font-weight: bold;">Study Sheets</p> 	<ul style="list-style-type: none"> Combine main ideas from lecture and course readings Include examples, pictures, definitions, and theories For math and science courses, include formulas and sample problems 	<ul style="list-style-type: none"> Recite key information from memory Rewrite study sheet from memory Read over information during “in between” times: on bus, during meals, between classes Read over study sheets first thing in morning and directly before bed to improve memory
<p style="color: red; font-weight: bold;">Note Cards</p>  <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>(Front)</p> <p style="text-align: center;">solve for x $3x^2 + 2x = 0$</p> </div> <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <p>(Back)</p> <p>factoring quadratic equations remove common factor $x(3x + 2) = 0$ $x = 0$ or $3x + 2 = 0$ $3x = -2$ $x = -2/3$ $x = (0, -2/3)$ p. 319</p> </div>	<ul style="list-style-type: none"> Word cards: <i>key terms/concepts</i> <u>Front:</u> Word/concept <u>Back:</u> Definition/explanation Question cards: <i>self-test questions</i> <u>Front:</u> Question <u>Back:</u> Answer Problem cards: <i>for math and science courses. Create cards with problems by topic.</i> <u>Front:</u> 2 Things <ol style="list-style-type: none"> Type of problem Ex: <i>solve for x</i> Problem Ex: $3x^2 = 2x = 0$ <u>Back:</u> 4 Types of information <ol style="list-style-type: none"> Specific type of problem Ex: <i>factoring quadratic equation</i> First Step Ex: <i>remove common factor</i> Solution Page number in text (so you can go back to review) 	<ul style="list-style-type: none"> Word cards: practice 10-15 at a time; once you have memorized these, move to the next group. You should put words/concepts you consistently miss in a separate pile. Quiz yourself on more challenging words more often until you master them! Question cards: practice answering the questions aloud until you know them all. You can work with a partner or study group to quiz each other. Problem cards: after you have prepared by topic, shuffle them. Go through cards orally a few times (try to state the type of problem and first step out loud before attempting to solve them). Shuffle cards and work each problem as if taking the exam.
<p style="color: red; font-weight: bold;">Mind Maps*</p>  <p>Go to https://bubbl.us/ to create FREE mind maps</p>	<ul style="list-style-type: none"> Start by writing the main topic you are studying in the center of your map: Ex: <i>Mind Map Guidelines</i> Second, draw smaller branches from the center (main topic) signifying the main themes/ideas of the concept you are studying Ex: <i>Use, Clarity, Center, Style, Keywords</i> Finally, start to fill in your subtopics with all the details you need to memorize Ex: <i>Style: Personal, Develop</i> 	<ul style="list-style-type: none"> Recreate/redraw your mind map from memory (see how much you can remember!) Create a new mind map based on the one you originally designed (reorganize topics, add details) Recreate, or draw, smaller mind maps to review each subtopic individually Ex: <i>Create a smaller map for Style section of mind map only</i> <p style="color: red; font-weight: bold;">*Do an online search for “mind maps” or “concept maps” to see many more examples</p>