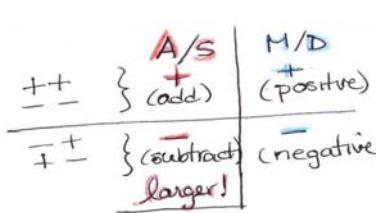
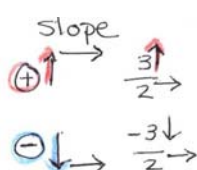
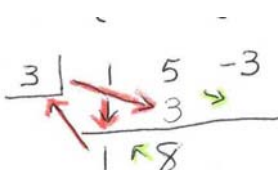
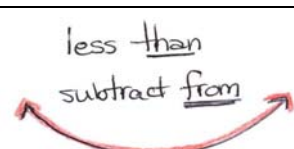
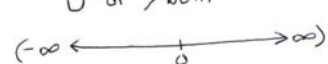
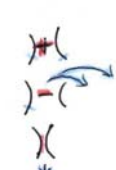
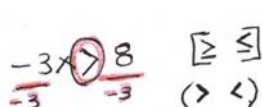
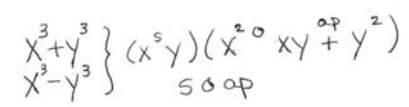


# Brain Dump / "Spill it"

These phrases mean that when you first get your test, you take a minute to write somewhere (e.g. the back page, in top margins) the information you have been trying to memorize for the test. In a way, this is a perfectly legitimate "memory card" created at the beginning of the test. There are three types of information typically used for this:

- Self-reminders
- Formulas
- Brief notes to remind yourself of procedures

Plan on memorizing **only your top 3 – 5 priorities this way**. Here are some typical ideas:

Pre-Algebra	Beginning Algebra	Intermediate Algebra
<ul style="list-style-type: none"> <li>• Reminders</li> <li>* multiplication issues <math>8*7</math></li> <li>* <math>&lt;</math> less than (&lt;ess)</li> <li>* <math>6 = 2 \rightarrow</math> false <math>6 = 6 \rightarrow</math> true</li> <li>* <u>P E M D A S</u></li> </ul>	<ul style="list-style-type: none"> <li>• Reminders</li> <li>* watch signs (integers)</li> <li>* recheck distributions</li> <li>* need <math>=</math> to clear fractions</li> <li>* no <math>=0</math> in denom (factoring)</li> </ul>	<ul style="list-style-type: none"> <li>• Reminders</li> <li>* no radicals in denominator</li> <li>* <math>x^2 + y^2</math> is prime</li> <li>* factor <u>completely</u></li> <li>*</li> </ul>
<ul style="list-style-type: none"> <li>• Formulas</li> <li><math>A_{\square} = bh</math>    <math>A_{\Delta} = \frac{1}{2} bh</math></li> <li><math>C = 2\pi r</math>    <math>A_{\circ} = \pi r^2</math></li> <li><math>A_{\text{trapezoid}} = \frac{1}{2} h (B + b)</math></li> </ul>	<ul style="list-style-type: none"> <li>• Formulas</li> <li><math>m = \frac{y_2 - y_1}{x_2 - x_1}</math>    <math>y = mx + b</math></li> <li><math>y - y_1 = m(x - x_1)</math></li> <li><math>D = RT</math> (DiRT)</li> </ul>	<ul style="list-style-type: none"> <li>• Formulas</li> <li><math>\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}</math></li> <li><math>\frac{-b}{2a}</math>    <math>a + bi</math></li> </ul>
<ul style="list-style-type: none"> <li>• Procedure Clues</li> </ul> 	<ul style="list-style-type: none"> <li>• Procedure Clues</li> </ul> 	<ul style="list-style-type: none"> <li>• Procedure Clues</li> </ul> 
<p>GCF shared lowest bases exponent</p> <p>LCM all highest bases exponent</p>	<p>less than subtract from</p> 	<p><math>\cap</math> "and" <math>&lt;</math> overlap</p> <p><math>\cup</math> "or" <math>&gt;</math> both</p> 
		
<p>foil</p> 