

# Test Correction and Reflection Form for Test Retake

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Unit Test: \_\_\_\_\_

Original Score: \_\_\_\_\_

Make sure to include the following for each problem for which you didn't receive full credit on the original test.

- Rewrite the question
- Answer the question correctly (Show your work)
- Describe your error and provide a written explanation of the concepts used to correct it in complete sentences

The following is an example of a problem that meets the above criteria:

#11) Multiply:  $(3a - 2b)^2$

$$(3a - 2b)(3a - 2b) = 9a^2 - 6ab - 6ab + 4b^2$$

$$= \boxed{9a^2 - 12ab + 4b^2}$$

My error on the original test was that I only multiplied the first and last terms together to get  $9a^2 + 4b^2$ . I would have needed to also multiply the first by the last term and then the second by the third term. In other words, I only "F" and "L" multiplied but didn't "O" and "I" multiply. I need to remember for next time that when a problem is written in the form  $(a+b)^2$  they are really asking what  $(a+b)(a+b)$  is.  $(a+b)^2$  doesn't equal  $a^2 + b^2$ , it equals  $a^2 + 2ab + b^2$ .