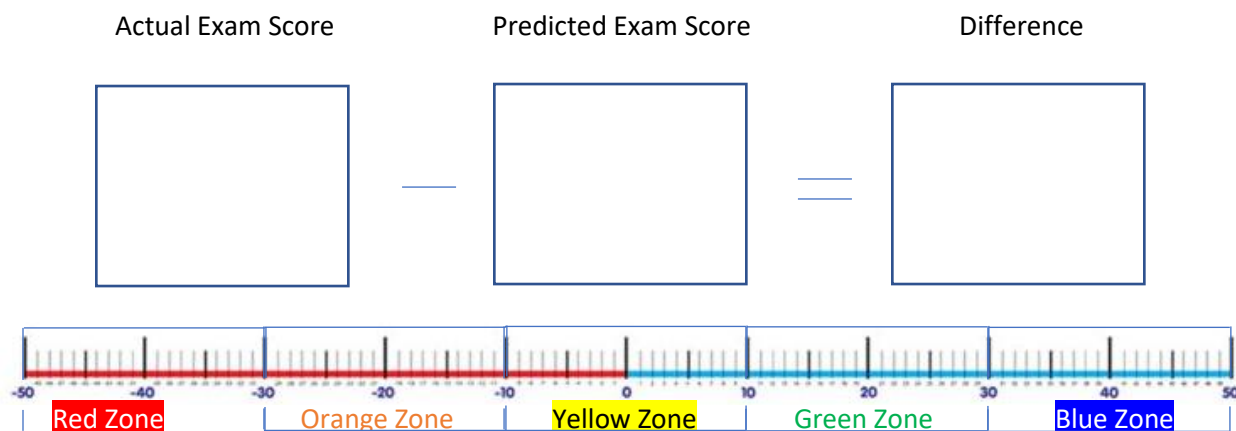


Name: \_\_\_\_\_ Course Days/Start Time: \_\_\_\_\_

### Metacognition – Actual vs. Predicted Test Grades

Part of being a successful college student includes developing an accurate understanding of what you know and what you don't (yet) know. We begin this exploration by comparing your actual and predicted exam scores. Enter your actual and predicted exam scores below, then subtract. Place the resulting difference on the number line to determine your color, then read about your color in the chart that follows.



| Difference/Color Zone | Explanation of Your Metacognition   |
|-----------------------|---|
| <b>Red Zone</b>       | You need to work on gaining a more accurate understanding of what you know and what you do not (yet) know. Because your predicted score was dramatically higher than your actual score, you probably need to improve your <b>study habits</b> , and you probably have <b>misconceptions</b> about how math works.   |
| <b>Orange Zone</b>    | You probably need to work on gaining a more accurate understanding of what you know and what you do not (yet) know. Because your predicted score was higher than your actual score, you might need to improve your <b>study habits</b> or you might have <b>misconceptions</b> about how math works.  |
| <b>Yellow Zone</b>    | Your metacognitive ability is high; you have an accurate understanding of what you know and what you do not (yet) know. The only thing left to do now is decide if you are happy with your score. If yes, then <b>no action</b> is needed. If no, then you need to learn how to improve it. Possible actions include improving your <b>study habits</b> or addressing <b>misconceptions</b> about how math works. |
| <b>Green Zone</b>     | You probably need to work on gaining a more accurate understanding of what you know and what you do not know. Because your predicted score was lower than your actual score, you might need to improve your math confidence. Consider <b>completing more practice</b> problems. Also consider visiting your instructor for <b>guided practice</b> . Both actions will improve your confidence.                    |
| <b>Blue Zone</b>      | You need to work on gaining a more accurate understanding of what you know and what you do not know. Because your predicted score was dramatically lower than your actual score, you need to improve your math confidence. Spend more time <b>completing practice problems</b> , and visit your instructor for <b>guided practice</b> as well. Both actions will improve your confidence.                         |

Now go to the next page to determine what actions to take.

Name: \_\_\_\_\_ Course Days/Start Time: \_\_\_\_\_

| Difference/Color Zone | Actions to Take   |
|-----------------------|---|
| Red Zone              | To complete this assignment, bring your exam and this document to your instructor's office hours. You will learn to improve your <b>study habits</b> , and you will identify and correct <b>math misconceptions</b> .   |
| Orange Zone           | To complete this assignment, choose one: <ul style="list-style-type: none"><li>• Bring this document to your instructor's office hours where you will learn to improve your <b>study habits</b>, or</li><li>• Bring this document and your exam to your instructor's office hours where you will learn to identify and correct <b>math misconceptions</b>.</li></ul>  |
| Yellow Zone           | To complete this assignment, choose one: <ul style="list-style-type: none"><li>• If you identified <b>no action</b> is needed, turn in this document at the end of class.</li><li>• If you identified you need to improve your <b>study habits</b>, bring this document to your instructor's office hours where you will learn to improve them.</li><li>• If you identified you have <b>math misconceptions</b> to address, bring your exam and this document to your instructor's office hours where you will identify and correct them.</li></ul> |
| Green Zone            | To complete this assignment, choose one: <ul style="list-style-type: none"><li>• If you identified you need to <b>complete more practice problems</b>, then earn all available mastery points for one section of the textbook before the in-class test on that material, then turn this document in to your instructor.</li><li>• If you identified a need for <b>guided practice</b>, bring this document to your instructor's office hours to receive it.</li></ul>   |
| Blue Zone             | To complete this assignment, first <b>complete practice problems</b> by earning all available mastery points for one section of the textbook before the in-class test on that material, then bring this document to your instructor's office hours to receive <b>guided practice</b> .  |

If this assignment involves visiting your instructor's office hours, bring this document during week \_\_\_\_\_ of the semester, which starts on \_\_\_\_\_ and ends on \_\_\_\_\_.