

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

AMDM: Unit 1 Review Guide Spring '16

1) Round everything to 3 decimal places

	P285/60R15	P310/75R15
WIDTH (mm)		
ASPECT RATIO %		
HEIGHT (in)		
DIAMTER (in)		
CIRCUMFERENCE (in)		

If your speedometer says you are travelling at 60 mph how fast are you actually travelling?

2) Round everything to 2 decimal places

<b>Grading System 1</b>	<b>Grading System 2</b>
Test average – 40%	Test average – 30%
Final exam grade – 10%	Final exam grade – 20%
Homework – 10%	Homework – 25%
Projects – 40%	Projects – 25%

You have a 82% test average, a 75% on your final exam, an 80% homework average and a 90% project average

What is your class average under each system? Which system do you prefer?

You are at the end of the semester and you want to know what you need to get on the final exam to get an A (90%) You have a 88% test average, a 93% homework average and a 90% project average. What do you need to get on the final in each grading system? GIVE EXACT ANSWERS

3) How many ways can you create a 7 digit code if no number can be repeated?

4) *The Cobb County School District recognizes that the dress and grooming of students both individually and collectively are significant factors in the successful operation of our educational program. We believe that one of the educational responsibilities of the school is to help make students aware that appropriate appearance and hygiene are conducive to the well-being of themselves and others. Each student will be expected to maintain a standard of dress and grooming that is consistent with the level of formality of the school situation. We seek the assistance of parents in monitoring their child's clothing to ensure that it is appropriate to the classroom. Clothing which is distracting, disruptive, or creates an unsafe situation may not be worn to school. If a student is not appropriately dressed, a parent may be contacted. The dress code applies to all school functions.*

Find the readability of the above using the FI or the FKGLI.

5) Show that the if the following is an invalid UPC number 7-61941-30646-4

Change it so it is a valid number (indicate how you changed it to make it valid)

Given the following code, determine the check digit. 06530045296d

6) You are re-tiling a bathroom. Below is a diagram of the bathroom. You are only tiling the floor (obviously) so make sure to account for no tiles needed to the tub, toilet and sink. You are using decorative tile and you determined that 14 pieces of tile fit into  $1\text{ft}^2$ . How much tile will you need to complete this project? **10 ft.**

