

Who Has the Better Grade?

7th Grade Math

NAME _____

In math class, our grades are weighted as follows...

60% - Tests, BIG Quizzes, Projects
30% - HW Quizzes, Graded Assignments
10% - Warm-Ups, Table of Contents

1. Consider the two students below and their average percentage in each category.

	Lisa	Troy
Tests, BIG Quizzes, Projects	78%	90%
HW Quizzes, Graded Assignments	80%	78%
Warm-Ups, Table of Contents	100%	70%

a. Which student do you think will have the better overall grade in the class and why?

b. Which category of grades holds the most "weight" in our class? Explain.

c. Which letter grade do you think each student would receive and why?

2. Consider the two students below and their average percentage in each category.

	Amy	Kevin
Tests, BIG Quizzes, Projects	95%	85%
HW Quizzes, Graded Assignments	90%	85%
Warm-Ups, Table of Contents	59%	85%

a. Which student do you think will have the better overall grade in the class and why?

b. Which letter grade do you think each student would receive and why?

3. How do you think we use these "weights" for each category to actually calculate a student's grade?

Calculating weighted averages...

4. Let's calculate Lisa's grade together...

	Category Weight	Lisa
Tests, BIG Quizzes, Projects		78%
HW Quizzes, Graded Assignments		80%
Warm-Ups, Table of Contents		100%

Lisa's letter grade would be _____.

5. Let's calculate Troy's grade together...

	Category Weight	Troy
Tests, BIG Quizzes, Projects		90%
HW Quizzes, Graded Assignments		78%
Warm-Ups, Table of Contents		70%

Troy's letter grade would be _____.

6. Who had the better overall grade, Lisa or Troy? Explain.

7. Try to calculate Amy's grade on your own...

	Category Weight	Amy
Tests, BIG Quizzes, Projects		95%
HW Quizzes, Graded Assignments		90%
Warm-Ups, Table of Contents		59%

Amy's letter grade would be _____.

8. Let's calculate Kevin's grade together...

	Category Weight	Kevin
Tests, BIG Quizzes, Projects		85%
HW Quizzes, Graded Assignments		85%
Warm-Ups, Table of Contents		85%

Kevin's letter grade would be _____.

9. Who had the better overall grade, Amy or Kevin? Explain.

