

More Weighted Averages

7th Grade Math

Name: _____

Grade Point Averages

1. Many colleges and universities use a weighted average grading system. Courses that are worth more credits have a bigger influence on your grade.

A	=	4		B -	=	2.7		D +	=	1.3
A -	=	3.7		C +	=	2.3		D	=	1
B +	=	3.3		C	=	2		D -	=	0.7
B	=	3		C -	=	1.7		E	=	0

- a. Evaluate the GPA for both scenarios for the student who received the following grades:

Calculus	4 credits	E		Chemistry	4 credits	D -
English Lit.	3 credits	A		Computer Sci.	3 credits	B +
History	3 credits	A				

Scenario 1: GPA average
weighted based on credits
Like colleges or universities

Scenario 2: GPA average
NOT weighted like the JH

- b. Evaluate the GPA for both scenarios for the student who received the following grades:

Humanities	3 credits	C -		Calculus	4 credits	D -
Weightlifting	2 credits	A		Communications	3 credits	A

Scenario 1: GPA average
weighted based on credits
Like colleges or universities

Scenario 2: GPA average
NOT weighted like the JH

Class Averages

2. A Spanish teacher weights her grades as follows...

Tests	50%
Quizzes and Assignments	20%
Participation	30%

Charlie is earning the following percentages in each category...

Tests	72%
Quizzes and Assignments	86%
Participation	96%

Evaluate Charlie's overall grade be for the class?

3. A physical education teacher weights his grades as follows...

Written Tests	10%
Physical Tests	10%
Participation	80%

Alayna is earning the following percentages in each category...

Written Tests	88%
Physical Tests	72%
Participation	100%

Evaluate Alayna's overall grade be for the class?

4. A language arts teacher weights his grades as follows...

Papers	70%
Other Assignments	30%

Greg is earning the following percentages in each category...

Papers	70%
Other Assignments	30%

Evaluate Greg's overall grade be for the class?