

Understanding Your Results

Your results for an assignment will be available after the assignment ends. The report of your results is divided into three major sections:

- Reviews You Performed
- Reviews Performed of Your Work
- Scores

REVIEWS YOU PERFORMED

Reviews You Performed		
	Max. Allowable Dev. = 1.50	
Reviews	Rating Deviation	Overall Score
Review 1	0.45	Mastered
Review 2	0.50	Mastered
Review 3	0.06	Mastered

Each student must complete a pre-determined number of reviews to finish an assignment. CPR scores each completed review based on how well each student reviewed their peers' work. Each text entry in a CPR assignment receives an average weighted text rating, which is based on the ratings assigned by students during the review process. Before an assignment starts, the instructor decides how closely an individual review must be to this average rating for the reviewer to achieve 'mastery' of that review.

Consider the following example. Joe Bruin assigns the following ratings during the reviews:

Joe Bruin's Reviews	Ratings
Review 1 of Student D	9
Review 2 of Student E	8
Review 3 of Student F	6

After the assignment is over, the CPR program calculates Joe's deviation from the average weighted text rating for each review. (See **Reviews of Your Work** below.) CPR determines whether or not Joe mastered the reviews by calculating Joe's rating deviation from the average weighted text rating and determining if the deviations are within the range specified by the instructor. Remember that in this example, the instructor determined the allowable deviation to be 1.5. Therefore, any deviations greater than 1.5 would not have been considered mastery of the review. In this case, Joe 'mastered' all the reviews.

Peer Texts	Joe's Ratings	Ave. Ratings	Deviations	Results
Student D	9	9.45	0.45	Mastered
Student E	8	7.50	0.50	Mastered
Student F	6	5.94	0.06	Mastered

REVIEWS PERFORMED OF YOUR WORK

This section displays the reviews done on your own work. CPR displays each question's text followed by the answers from the reviewers and you. The final column contains your self-assessment answers. The final question displayed is the overall rating of your text by all reviewers:

Reviews Performed of <i>Your Work</i>				
	Allowable Deviations for Self-Assessment Review			Full Credit = 1.50 Partial Credit = 2.50
Questions	Answers			
	Review 1	Review 2	Review 3	Self-Assessment
1. Does the document have a descriptive topic sentence? (Does the first sentence accurately introduce the subject of the entire document?)	No	Yes	Yes	No
2. Does this essay identify key properties of PCB's: solubility, persistence, chemical inertness, resistance to burning, electrical insulation, and low vapor pressure?	Some (1 or 2)	Some (1 or 2)	Some (1 or 2)	Some (1 or 2)
3. Does this document note that "open" use of PCB's was halted and that manufacture of PCB's was banned in North America?	Yes	Yes	Yes	Yes
4. Does this document effectively describe the bioaccumulation and biomagnification of PCB's in the food chain? <i>Explain your answer when you are reviewing peer texts.</i>	No	No	No	No
5. Does this document reach a logical conclusion? <i>Justify your answer when you are reviewing your peer's essay.</i>	Yes	Yes	Yes	Yes
6. How would you rate this text?	8	7	8	8
Weight Applied to Ratings	1.00	1.00	0.25	
Average Weighted Text Rating	7.52			

After the ratings, the screen displays the weight given to each rating. During an assignment, CPR tracks students' calibration performance and makes a determination as to how well they appear to be as reviewers. From this determination, CPR assigns a weight to each student's reviewing abilities. This weight is used along with the rating to calculate the average rating for a text.

In this example: Student A, Student B, and Student C all reviewed Joe Bruin's text. The ratings were as follows:

Student	Rating of Joe Bruin's Text	Reviewer Weight
Student A	8	1.00
Student B	7	1.00
Student C	8	0.25

CPR uses the following formula to calculate the average text rating:

$$\text{Average weighted text rating} = \frac{(8 \times 1.00^2) + (7 \times 1.00^2) + (8 \times 0.25^2)}{1.00^2 + 1.00^2 + 0.25^2}$$

$$\text{Average weighted text rating} = 7.515$$

If you consider only the reviewers whose ratings were fully weighted, Joe's text would have rating of 7.50. The weak reviewer (reviewer weight = 0.25) had some, but little effect on Joe's total score. (However, since the review was consistent with the peer reviews for Joe's

text, Student C will see that although a weak reviewer, she received credit personally for a 'mastered' peer review.)

SCORES

Scores		
Stage	Performance	Score
Text Entry	Avg. Weighted Text Rating = 7.52	15.03 out of 20
Calibrations	Calibrations Mastered = 3	30.00 out of 30
Reviews	Reviews Mastered = 3	30.00 out of 30
Self-Assessment	Self-Assessment Deviation = 0.48	20.00 out of 20
Overall Score		95.03 out of 100

This section displays your overall score for the assignment. CPR calculates a final score out of 100. You can earn points for work done during four different stages of an assignment: text entry, calibrations, reviews, and self-assessment. The instructor determines how many possible points to award to each of these areas.

- **Text Entry** points are based on the weighted average text rating of your text.
- **Calibration** points are based on whether the number of calibrations that you mastered.
- **Review** points are based on the number of reviews you rated within the specified deviation from the average text rating.
- **Self-Assessment** points are based on whether or not your self-assessment rating is within the specified deviation range.

Finally, let's look at Joe's results to see how he did on the assignment, if his instructor determined the sections of the assignment had the following point distribution:

Stage	Points
Text Entry	20
Calibrations	30
Reviews	30
Self-Assessment	20
Total Points	100

JOE'S TEXT ENTRY SCORE

Since the text rating is out of 10 and the instructor specified that 20% of the assignment grade should be allocated to the text, Joe's Text Entry score is 15.03, twice the weighted text average.

Text Entry score = (average weighted text score x 0.2) x maximum points

Joe's Text Entry score = 15.03 points

JOE'S CALIBRATION SCORE

Since Joe mastered all of the calibrations, even though he had to retake one of them, he received all of the possible points (in this case, 30) for this section of the assignment. Each calibration is worth 10 points. If Joe had still not mastered Calibration 2 after he had retaken it, then he would not have received any credit for that one calibration.

The following table displays Joe's performance on the calibrations. Remember that the calibrations are worth 30 points total (10 points each):

Calibration	Results	Points
Calibration 1	Mastered	10
Calibration 2 (Retaken)	Mastered	10
Calibration 3	Mastered	10

JOE'S REVIEW SCORE

(See **Reviews You Performed** above for an explanation of the review process.)

The following table displays Joe's performance on the reviews. Remember that the reviews are worth 30 points total (10 points each) and the allowable deviation is 1.5.

Review	Deviation	Results	Points
Review 1	0.45	Mastered	10
Review 2	0.50	Mastered	10
Review 3	0.06	Mastered	10

JOE'S SELF-ASSESSMENT SCORE

To receive all the points for the text self-assessment, the rating you assign to your own text must be within the allowable deviation from your average weighted text score. The instructor may decide to allocate partial credit for a somewhat larger deviation

The following table displays Joe's performance on the self-assessment. Remember that the self-assessment is worth 20 points and the allowable deviation is 1.50 for full credit and variable credit if it is with 2.50 of the average weighted text score.

Stage	Rating	Ave. Rating	Deviation	Results	Points
Self-Assessment	8	7.52	0.48	Mastered	20

Since Joe's rating of his own text deviated less than 1.50 from the average weighted text rating determined from the peer reviews, Joe received full credit for this evaluation. Joe's **Overall Score** is **95.03** because he demonstrated high-quality evaluation in the three review stages of the assignment, the sections that the instructor's point distribution emphasized.