Homework Packet for 9th & 10th Grade

Week 12

Name _____

Week Starts on / Due on _____]____]__

Each week you are to complete your homework packet and turn it on the day the teacher assigns. Part of the homework is reading 45 minutes a day. This can be done in after school care and they can read to a younger sibling or an adult as well. Weekend reading is encouraged, each week students can get credit for reading on Saturday and/or Sunday. Reading each day is very important to help each student get better at this skill.

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Weekly Home Reading Record

Day	Reading Material	Amount of Time	How many pages
Weekend			
Monday			
Tuesday			
Wednesday			
Thursday			

Total Reading Time: Hours _____ Minutes _____

Student Signature: _____

Date: _____

Parents Signature: _____

Date: _____

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GRADES 9-10

VOCABULARY BUILDER
WEEK 12
Daily Activity

Monday : Write out the definition of the vocabulary word and the source where you found it. (*note do not use wikipedia*) and break the word down in Syllables.
Example: ABSTRUSE: 2 Syllables , **ab-struse and it sounds like ab-stroos.**

Tuesday : Write a sentence with the vocabulary word (different than the definition of the vocabulary word).

Wednesday : Write a paragraph with the vocabulary word (different than the definition and the sentence with the vocabulary word).

Thursday : Write a 3 to 5 paragraph essay with all the vocabulary words (different than the definition, and sentences you used with the vocabulary word)

Friday : **Turn in all of your work.**

This week's vocabulary words are:

IMMERSE	IMPETUOUS	INCORPORATE
IMMINENT	IMPLEMENT	INCREDULOUS
IMMURE	IMPUTE	INDEFATIGABLE
IMPEDE	INCOGNITO	INDELIBLE
IMPERVIOUS	INCONGRUOUS	INDIFFERENCE

TURN THE PAGE

PASSAGE II

Glowing on an Adventure

As I pulled my camera out of my backpack, I felt a tap on my arm.

"No photographs," whispered the woman next to me, pointing [16] up to the cave ceiling. "The flash will make them stop glowing," she said, whispering. [17]

She was referring to the thousands of glowworms that clung to the limestone ceiling and, with their radiant bodies, flooded the cave in aquamarine light. While [18] I was traveling on [19] canoe on a group tour through the renowned Glowworm Grotto of New Zealand's Waitomo Caves. Were it not for the twinkling light of these *Arachnocampa luminosa*, a species unique to New Zealand and abundant in these caves, this meandering subterranean passageway would feel as though it were downright ensconced in shadows. [20]

I sheepishly tucked the camera away and focused again on the glowworms. Collectively, they resembled the cosmos, a sea of stars in a clear night sky. Beautiful—yet what made them glow?

"Bioluminescence," the woman said, peculiarly sensing my curiosity. [21] A badge was [22] pinned to her shirt indicated she was a biochemist, here, I guessed, to research the organism.

16. **F.** NO CHANGE
G. me, and then pointing
H. me and she pointed
J. me, she pointed

17. **A.** NO CHANGE
B. glowing," she said as she pointed up to the ceiling.
C. glowing," she said in a hushed, whispering voice.
D. glowing."

18. **F.** NO CHANGE
G. Although
H. Since
J. DELETE the underlined portion.

19. **A.** NO CHANGE
B. with
C. by
D. in

20. **F.** NO CHANGE
G. end up pretty hard to see.
H. have not a lot of light.
J. be utterly dark.

21. At this point, the writer wants to emphasize the idea that the narrator found the woman's comment peculiar. Which of the following best accomplishes that goal?

A. I figured she had been to the caves before.
B. Surprised, I hesitantly turned toward her.
C. She had a notepad in her hand.
D. I happened to agree.

22. **F.** NO CHANGE
G. had been
H. it was
J. DELETE the underlined portion.

She explained that to attract prey, glowworms (not really worms at all, but the larval stage of a fungus gnat) emit light through their translucent skin; via a [23] cellular chemical reaction. The cells produce luciferin, a chemical pigment that reacts with oxygen to produce light that shines through the organism's tail-end intestine.

From its mouth, she showed me, all glowworms dangle [24] shimmering silken threads glossed in beads of mucus. Cave-dwelling insects are trapped in these threads, then reeled in [25] like fish on a line, and finally lured by the light. [25] The light responds to environmental factors. The sound of splashing water, however, [26] might signal that prey is nearby, causing them [27] to brighten. [28]

23. **A.** NO CHANGE
B. skin, and via
C. skin. Via
D. skin via

24. **F.** NO CHANGE
G. all of the glowworms are dangling
H. each of the glowworms dangle
J. each glowworm dangles

25. **A.** NO CHANGE
B. lured by the light, then trapped in these threads, and finally reeled in like fish on a line.
C. reeled in like fish on a line, then trapped in these threads, and finally lured by the light.
D. trapped in these threads, then lured by the light, and finally reeled in like fish on a line.

26. **F.** NO CHANGE
G. on the other hand,
H. for example,
J. above all,

27. **A.** NO CHANGE
B. the light
C. these
D. DELETE the underlined portion.

28. Which of the following choices, if added here, would best conclude the paragraph and refer back to the conversation at the beginning of the essay?

F. Insects are likely attracted to the light because the sky-like appearance of the glowworms fools the insects into believing they are outdoors.
G. She told me that the cave is usually quiet, with only occasional noises, such as tour boats passing through the water.
H. A camera flash, she reminded me, may also spell danger, and the glowworms' light is doused.
J. The light is also brighter in a hungry larva than in those that have just eaten.

Our trip neared its end. I spotted a dragonfly in the cave. I knew its
29
fate, it would be ensnared, just as I had
30
been by the brilliance of these luminescent glowworms.

29. The writer is considering revising the underlined portion to the following:

soaring toward the light.

Should the writer make this revision?

A. Yes, because the revised phrase more specifically describes the dragonfly's actions to help support the narrator's claim that she knew what its fate would be.
B. Yes, because the revised phrase adds information that explains why the light of the glowworms was suddenly dim.
C. No, because the original phrase more clearly establishes that the trip is ending and that the narrator sees the dragonfly as they exit the cave.
D. No, because the original phrase builds on the suspense established in the narrative regarding the fate of the dragonfly.

30. **F.** NO CHANGE
G. fate; and
H. fate:
J. fate

Adding/Subtracting Decimals (B)

Calculate each sum or difference.

$216.6 - 69.75 =$

$38.9 - 6.204 =$

$968.759 + 2.662 =$

$98.307 + 51.98 =$

$5.66 + 5.2 =$

$30.5 + 3.49 =$

$335.7 - 56.628 =$

$94.27 + 4.35 =$

$8.19 - 4.841 =$

$608.23 - 465.22 =$

$7.020 - 5.078 =$

$81.9 + 35.9 =$

$85.814 - 14.8 =$

$81.742 - 4.1 =$

$681.38 + 43.3 =$

$87.3 - 5.552 =$

$704.91 + 62.672 =$

$458.153 + 87.294 =$

$95.99 + 6.710 =$

$471.50 + 2.415 =$

GRADES 9-10

WEEK 12
Use R.A.C.E. Strategy for Math

Example:
Joshua has 32 donuts. He organizes them in boxes. Each box holds 12 donuts. How many boxes of donuts will Joshua have?

R (Restate the question) in your own words	Joshua will have ____ boxes of donuts.
A (Answer the question)	Joshua will have 3 boxes of donuts.
C (Cite the evidence)	I will determine how many boxes of 12 are required to fit all the donuts by dividing the number of donuts (32) by the number that can fit in each box (12). If I need part of a box I will round the solution up to the nearest whole number. 32 ÷ 12 = 2.666 Rounded up is 3
E (Explanation)	Joshua will have 3 boxes of donuts. I determined how many boxes of 12 are required to fit all the donuts by dividing the number of donuts (32) by the number that can fit in each box (12). Since I needed slightly more than two boxes, I rounded my solution to the nearest whole number.

WORD PROBLEMS

1. Brass is an alloy made from 80% copper and 20% zinc. If Lin Po's brass trombone contains 48 ounces of copper, how many ounces of zinc are in the trombone?

2. Bob the Builder is making a sidewalk and he needs a concrete mix that contains 12% cement. How many bags of concrete premix with 11% cement should he mix with 8 bags of 13% of cement to produce the mix he needs?

3. Bob the Builder is making a sidewalk and he needs a concrete mix that contains 12% cement. How many bags of concrete premix with 11% cement should he mix with 8 bags of 13% of cement to produce the mix he needs?

TURN THE PAGE



QUESTION 1

R (Restate the question) in your own words	
A (Answer the question)	
C (Cite the evidence)	
E (Explanation)	

QUESTION 2

R (Restate the question) in your own words	
A (Answer the question)	
C (Cite the evidence)	
E (Explanation)	

QUESTION 3

R (Restate the question) in your own words	
A (Answer the question)	
C (Cite the evidence)	
E (Explanation)	

MAKE SURE THAT ALL YOUR WORK IS COMPLETED BEFORE YOU TURN IT IN.