Homework Packet for 9th & 10th Grade

Week 23

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 23
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:

preeminent presumptuous pretentious principality procure	prodigal prodigious prodigy proficient profound	prohibitive promulgate propagate prosaic prosecute

TURN THE PAGE

PASSAGE III

Lightning in the Sand

As my friend Anna and I walked the sand dunes of southeastern New Mexico, she told me that she hoped we'd find a fulgurite, one as translucent white as the southeastern New Mexico sands around us. A fulgurite—whose name stems from the Latin word *fulgur*, which means "thunderbolt"—is a hollow silica glass tube formed when lightning strikes sand. A fulgurite is created in one explosive second by fusion and pressure as sand heated by a lightning blast melts, and becomes glass. Commonly called "petrified lightning," a fulgurite places the shape of a miniature lightning bolt into the earth, often branching deep into the ground.

Anna told me that I had possibly seen a small fragment of a fulgurite before, without realizing I had, on a beach. She explained though that even experts are rarely able to locate a fully intact fulgurite.

31. **A.** NO CHANGE
B. and nearly transparent to the eye almost as the white sands of these dunes.
C. as these sands.
D. DELETE the underlined portion and end the sentence with a period.

32. **F.** NO CHANGE
G. sand heated (by a lightning blast) melts
H. sand, heated by a lightning blast melts,
J. sand heated by a lightning blast melts

33. Which choice best builds on the preceding sentence by emphasizing the dramatic nature of the mark a fulgurite leaves on the earth?

A. NO CHANGE
B. sketches
C. burns
D. sends

34. **F.** NO CHANGE
G. explained, though, that even experts
H. explained though that, even experts,
J. explained, though that even experts

The thin, brittle glass tubes break easily.[35] Occasionally, after strong, sustained winds have shifted desert sands, while[36] an unbroken, previously buried fulgurite will be revealed, showing as a tube protruding from the ground.

[37] I scanned the area, hopeful that I'd see a tube newly uncovered.[38] Anna made clear that we'd be lucky to come upon a small piece of fulgurite, just a few inches long.

Anna had shown me fulgurites she had found on other trips. Their colors ranged from black to brown to green, corresponding to the color of the sand in which she had discovered them. I wasn't surprised that I'd never recognized fulgurites on any beach: no one had ever told me what to look for.[39]

35. Given that all the statements are true, which one provides the most relevant information at this point in the essay?

A. NO CHANGE
B. Human-made fulgurites are not any easier to excavate than naturally occurring fulgurites.
C. A fulgurite is not a geode (a crystal-lined stone), though the two are often confused.
D. Still, pieces of fulgurite can be worked into jewelry.

36. **F.** NO CHANGE
G. however
H. so
J. DELETE the underlined portion.

37. Which of the following sentences, if added here, best connects the preceding sentence to the information that follows in the paragraph?

A. Anna told me that there had been a brief rain shower in the area the day before.
B. I could see bright pink sand verbenas blooming in the distance.
C. Swift winds were moving the white sands that day.
D. Dig carefully.

38. **F.** NO CHANGE
G. uncovered, I focused my gaze on the sands in the distance.
H. uncovered, I looked closely.
J. had it been uncovered.

39. Which choice most effectively concludes this sentence and leads into the information that follows in the paragraph?

A. NO CHANGE
B. I focus on looking for seashells, sand dollars, and smooth rocks when I'm walking the sands.
C. usually, I'm not in the mood for a science project when I'm on vacation.
D. on their surface, they look like pieces of tree branches.

Their interiors, though, are smooth, clear glass stained [40] with tiny bubbles trapped formed by air and moisture [41] during the rapid cooling of the melted sand after the lightning strike.

We continued exploring the dunes. Anna laughed and said we needed only to stop at the local gift shop to unearth [42] our treasure. [43] But given our luck finding fulgurites in [44] deserts and on beaches, [45] she wanted to keep searching to find our own piece of bright, white lightning in the sand.

40. Which choice makes clearest the light, sporadic arrangement of the bubbles in the glass?

F. NO CHANGE
G. pointed
H. speckled
J. covered

41. The best placement for the underlined portion would be:

A. where it is now.
B. after the word *bubbles*.
C. after the word *during*.
D. after the word *cooling*.

42. **F.** NO CHANGE
G. for having unearthed
H. that would unearth
J. unearthing

43. If the writer deleted the preceding sentence, the essay would primarily lose a:

A. bluntly critical comment that makes clear Anna's frustration with trying to find a white fulgurite in the sand dunes of New Mexico.
B. mildly scolding response by Anna to the narrator's impatience with the time and attention it might take for them to find a white fulgurite.
C. light moment in the form of a good-natured joke by Anna about how easy it could be to find a white fulgurite.
D. moment of excitement when Anna remembers that they could easily find a white fulgurite at the local gift shop.

44. **F.** NO CHANGE
G. her
H. my
J. their

45. Which of the following alternatives to the underlined portion would provide the essay with new information?

A. beaches in Florida, Utah, California, and Nevada,
B. beaches, but so far not this day in the New Mexico sands,
C. beaches, in other words, sandy locales,
D. beaches, even a green fulgurite,

2-Digit by 2-Digit Multiplication (C)

Name: _____ Date: _____ Score: ____ /20

Calculate each product.

97 × 57 =	40 × 32 =	23 × 45 =	50 × 10 =	63 × 41 =
44 × 48 =	19 × 87 =	94 × 74 =	17 × 58 =	96 × 86 =
52 × 97 =	15 × 45 =	79 × 44 =	83 × 58 =	60 × 81 =
87 × 82 =	21 × 47 =	85 × 99 =	16 × 73 =	36 × 60 =

GRADES 9-10

WEEK 23
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. Sherman took his pulse for 10 seconds and counted 11 beats. What is Sherman's pulse rate in beats per minute?

2. Jennifer flipped a coin three times and got heads each time. What is the probability that she gets heads on the next flip?

3. Twelve coworkers go out for lunch together and order three pizzas. Each pizza is cut into eight slices. If each person gets the same number of slices, how many slices will each person get?

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.