

ENGLISH NOTES

Commas and End Punctuation

check
Semi-colon
1st!

S ; S ■ I'm too exhausted to focus; I studied all night.

S : I/S ■ I'm feeling the effects of a long night of study: exhaustion.

S - I/S ■ It was a long night of study - no sleep and too much coffee.

NEVER! S , S ■ It was a long exhausting evening, I stayed up way too late.
S S ■ It was a long exhausting evening I stayed up way too late.

S , FANBOYS S ■ I like you, and I think you are nice.
(for, and, nor, but, yet, so)

S because S ■ I like you because I think you are nice.
(while, as, if, when, that...)

I , S ■ To emphasize his point, he pounded his fist on the podium.

S , I ■ He pounded his fist on the podium, emphasizing his point emphatically.

S , I , S ■ He pounded his fist on the podium, the nearest surface available, to emphasize his point.

_____ , _____ , and _____ ■ He pounded his fist, raised his voice, and repeated his plea to the crowd.

S - _____ - S ■ He found broken pieces of pottery - along with an occasional intact pot - painted with intricate designs.

S (_____) S ■ He found broken pieces of pottery (along with an occasional intact pot) painted with intricate designs.

S S

_____ ; _____ ; _____ ■ He found broken pieces of pottery, along with an occasional intact pot, painted with intricate designs.

TOPIC	SUGGESTION
End Punctuation	Start with periods and semi-colons first
Colons and Dashes	MUST have a full sentence BEFORE them. Don't worry so much about what follows the colon or dash
Commas	After testing any end punctuation answers, start with the answer with the most commas and work your way back to the least
Splices/Fuses	Always be aware of Comma Splices (2 sentences joined by a comma) and Fused Sentences (2 sentences placed together with no punctuation). They are ALWAYS wrong!
Verb Agreement	Find the subject that is actually doing the verb. Be sure to eliminate any intervening prepositional phrases. Verbs don't agree with objects of prepositions.
Verb Tense	Look at the first line of the passage and match verb endings. Remember that the tense will not switch within a given passage.
Transitions	Identify the specific items that the transition seeks to connect. Ask yourself, "are these two items similar, different, sequential, cause/effect, general/specific?"
Wording	If all of the answers are differently worded and of varying lengths, choose between the two shorter answers.
"If the writer were to delete..."	Look at the passage that is to be deleted, and ask yourself what would be lost without it BEFORE looking at any of the answers. Classify the loss: details, reasons, examples, explanations
"If the writer were to add..."	Look at the first few words, and match the subject with the logical location for that subject. When presented with a "Yes/No" question, consider the focus of the paragraph being referenced.
Primary Purpose	Reread the first sentence of the passage and the last sentence of the passage. <u>Don't be thrown by answers that are true, but not consistent with overall focus.</u>
Long Questions	Find the core of long questions, and avoid being distracted by the surrounding details. What is the question specifically looking for?
Apostrophes	Be sure that possessive options actually link to something possessed. Be careful not to confuse possessives with plurals or contracted words.
Who/Whom	"Who" pitches. "Whom" catches. "Who" does the verb; "Whom" receives the verb or functions as an object.
Look for pairs...	Answers can often be paired into simple choices. Make the simple choices first. Then, look at the difference between what remains.
Watch out for...	"Could of," "Should of," " <u>Would of</u> " are <u>always wrong!</u> Could "have," Should "have," Would "have," or "Could've, Should've, Would've" are correct!
All things being equal...	If all things are equal, <u>DON'T ADD WORDS!</u>
Problem-solve questions by trying to determine what "wrong" answers to eliminate first. The goal should be to find and eliminate what's wrong, not seek to find what is right.	

READING NOTES

- 40 Questions / 35 Minutes
- 4 PASSAGES – always in the same order
PROSE FICTION
SOCIAL SCIENCE
HUMANITIES
NATURAL SCIENCE
- Practice all 4. Know your strengths and weaknesses.

SCIENCE NOTES

- 40 Questions / 35 Minutes
- **TOUGHNESS TEST / JACK WEAVER**
- When your commitment is greater than your feelings that is when you get results!
- **Don't wish for it if your not willing to work for it!**
- **Expectations will not exceed your effort!**
- **The reason people quit is they don't take pride in what they do!**
- Not really a science test. Only 1-4 questions require prior knowledge.
- Answer all the questions
- Have a letter of the day
- 7 SECTIONS TOTAL
3 SECTIONS on data representation (Do these first)
3 SECTIONS on research summaries
1 SECTION on conflicting data (Do this last)
- Direct Relationship EX. As rain increases so does crop yields
- Indirect Relationship EX. As you add alcohol the bacteria decrease
- Don't get distracted by vocabulary / Words
- Details / Units
- Big Changes
- Italicized words /Clarify by reading
- Bar Graphs – always on test
- Line Graph – usually on test (Shows Trends)
- Pie Graph

Problems that you will see on the test!

- Proportions – google ACT math proportions (Varsity Math)

1. The *lead* of a screw is the distance that the screw advances in a straight line when the screw is turned 1 complete turn. If a screw is $2\frac{1}{2}$ inches long and has a lead of $\frac{1}{8}$ inch, how many complete turns would get it all the way into a piece of wood?

- A. 5
- B. 10
- C. 15
- D. 20
- E. 25

• 60 Questions / 60 Minutes

MATH NOTES

$Y = mx + b$ Slope-Intercept Form

1 What is the slope of the line given by the equation
 $3x = 30 - 5y$?

A. 5

B. 3

C. $\frac{3}{5}$

D. $-\frac{3}{5}$

E. -3

Parallel = same slope

What is the equation of a line that is parallel to $3x + 5y = 8$ and passes through $(10, 4)$?

Possible Answers:

$$y = \frac{5}{6}x - 10$$

$$y = \frac{3}{8}x - 5$$

$$y = \frac{5}{3}x + 5$$

$$y = -\frac{3}{5}x + 10$$

$$y = \frac{3}{4}x - 2$$



Correct answer:

$$y = -\frac{3}{5}x + 10$$

Perpendicular = opposite reciprocal

What line is perpendicular to $x + 3y = 6$ and travels through point (1,5)?

Possible Answers:

$$y = 6x - 3$$

$$y = -1/3x - 4$$

$$y = 3x + 2$$

$$y = 2x + 1$$

$$y = 2/3x + 6$$



Correct answer:

$$y = 3x + 2$$

Mean (Average)/ Median (Middle Number) / Mode (Most)

1. **Ms. Hernandez began her math class by saying:**

I'm thinking of 5 numbers such that their mean is equal to their median. If 4 of the numbers are 14, 8, 16, and 14, what is the 5th number?

What is the 5th number Ms. Hernandez is thinking of?

A. 13

B. 14

C. 15

D. 16

E. 18

$$A^2 + B^2 = C^2:$$

Pythagorean Theorem

(3:4:5) (5:12:13)

6. A boat departs Port Isabelle, Texas, traveling to an oil rig. The oil rig is located 9 miles east and 12 miles north of the boat's departure point. About how many miles is the oil rig from the departure point?

F. 3

G. $\sqrt{63}$

H. 15

I. 21

J. 225