

SIW 17 June

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1 Today's Events

- Vocabulary quiz.
- Review of full SAT exam from 14 June.
- Writing section 2 practice exam.
- Lunch.
- Review of Reading section 1 from 13 June.
- Math section 4 practice exam.
- Reading section 1 practice exam - did as group.
- Vocabulary Kahoot.

1.1 Review of full SAT exam

1.1.1 Reading

We went through the passages together. Honestly, teaching reading comprehension is kind of hard. I think the best way for you to get better at it is just to read good literature. That way you don't have to work as hard at understanding the passages. These vocabulary lists also help with that.

1.1.1.1 New words

- curio (n) - a rare or intriguing object.
- votive (n) - something offered in fulfillment of a vow. Usually a candle.
- impeccable (adj) - perfect; faultless; by the highest standards.
- perspiration (n) - sweat.
- extol (v) - to praise enthusiastically.
- prosaic (adj) - unromantic, not with style, boring, commonplace.
- conviction (n) - a firmly held belief or opinion.
- bolster (v) - to support or strengthen.
- temper (v) - to counterbalance or neutralize.
- sagacious (adj) - wise; done with good judgment.
- fidelity (n) - loyalty
- stigmatize (v) - to mark as unworthy or disgraceful.
- indefatigable (adj) - persisting tirelessly.
- grievance (n) - a wrong with cause for complaint or protest.
- usurp (v) - to take from a place of power, usually by force.

- detract (v) - to take away from.
- superficial (adj) - on the surface; not deep; shallow.
- reparation (n) - the act of making amends for a wrong.
- circumspect (v) - wary; unwilling to take risks.
- fallible (adj) - the quality of easily failing; not reliable.
- bequest (n) - legacy; endowment; inheritance.
- aristocracy (n) - the highest class, especially those holding hereditary titles (duke, king, queen, etc.).
- rehabilitate (v) - to restore health or well-being.
- pretentious (adj) - claiming to be better at something that one actually is.

1.1.2 Writing

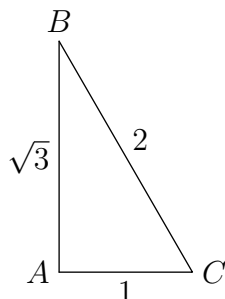
Everyone did well on this part. Let me know if you have any other grammar concerns you'd like to see presented.

1.1.3 Math

1.1.3.1 Special triangles

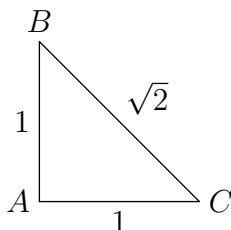
There are two kinds of triangles where if you know their angles, then you know the ratios between the sides.

- 30-60-90 right triangles. Take a triangle such that $\angle A = 90^\circ$, $\angle B = 30^\circ$, and $\angle C = 60^\circ$:



If the angles of the triangle are 30° , 60° , and 90° , then the ratio of the sides opposite the 30° angle, the 60° angle, and the 90° angle, respectively, is $1 : \sqrt{3} : 2$.

- 45-45-90 right triangles. Take a triangle such that $\angle A = 90^\circ$, $\angle B = \angle C = 45^\circ$:



If the angles of the triangle are 45° , 45° , and 90° , then the ratio of the sides opposite one of the 45° angles, the other 45° angle, and the 90° angle, respectively, is $1 : 1 : \sqrt{2}$.

1.2 Review of Reading section 1 from 13 June

1.2.1 New words

- subterranean (adj) - below ground.
- bleak (adj) - charmless; dreary; desolate.
- aggregate (n) - a whole formed by combining several different elements.
- pernicious (adj) - having a harmful way, especially in a subtle way.
- fraudulent (adj) - obtained or done by deception.
- unassailable (adj) - not attackable, very defensible. Often used of an opinion or fact.
- ascribe (v) - to attribute.
- emancipation (n) - the process of being set free from restrictions.
- populism (n) - political approach that appeals to ordinary people.
- cranial (adj) - relating to the skull.
- misnomer (n) - wrong name or designation.
- exuberance (n) - being full of great joy/energy/cheerfulness.

2 Homework

Know the words in the New words sections and all of the related information.