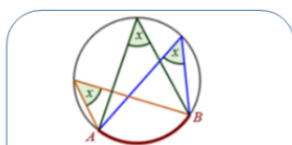


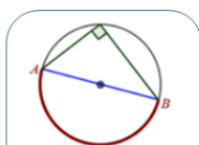
SAT Test Day Review (If anything confuses you don't worry about it)

Math

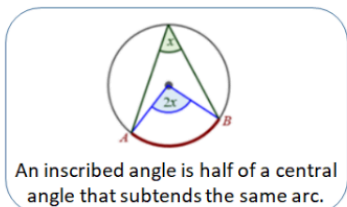
Inscribed Angle Theorems



The inscribed angles subtended by the same arc are equal.



Inscribed angle in a semicircle is 90°.



An inscribed angle is half of a central angle that subtends the same arc.

DISCRIMINANT

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

• $b^2 - 4ac > 0 \rightarrow 2$ real solutions

• $b^2 - 4ac = 0 \rightarrow 1$ real solution

• $b^2 - 4ac < 0 \rightarrow 0$ real solutions

Greater than: $(1 + x/100)$ or $(100 + x)\%$ | **Less than** $(1 - x/100)$ or $(100 - x)\%$









Sum of solutions: $\frac{-b}{a}$

Products of solutions: $\frac{c}{a}$

X-value of vertex: $\frac{-b}{2a}$

Complete the Square (Find C value of quadratic): $\left(\frac{b}{2}\right)^2$

(Desmos Tricks)

1	 $\text{mean}(x_1, x_2, x_3, x_4, \dots)$	
2	 $\text{median}(x_1, x_2, x_3, x_4, \dots)$	
3	 $\text{stdev}(x_1, x_2, x_3, x_4, \dots)$	
4	 $\text{mod}(x_1, x_2)$	

(Don't forget about **linear regression** and "table")

English

(Transitions)

Continue		Cause-and Effect	Contradict
Add Information Also And Furthermore In addition Moreover	Emphasize In fact Indeed Compare Likewise Similarly Sequence of Events Previously Subsequently Finally While	Accordingly As a result As such Because Consequently For Hence Since So Thus Therefore To this end	Alternately Alternatively (Al)though But Conversely Despite/ In spite of Even so Even though However In any case In contrast Instead Meanwhile Nevertheless Nonetheless On the contrary On the other hand Otherwise Rather Regardless Still Whereas While Yet

(Notes)

You **don't** need to read the notes; instead, read the question and go straight to the answer choices

(Standard English Convention)

Determine if each phrase is **Independent** or **Dependent**

Combining Sentences

1. Period or Semicolon (*If a question has both, they're wrong unless it's a complex list*)
2. Comma + Coordination (FANBOYS) Conjunction
3. Colon or Dash

(Main Idea/Others)

College Board **won't say anything socially wrong** about cultures, women, or science
There is **ONE** correct answer; ensure everything is correct **based on the text**