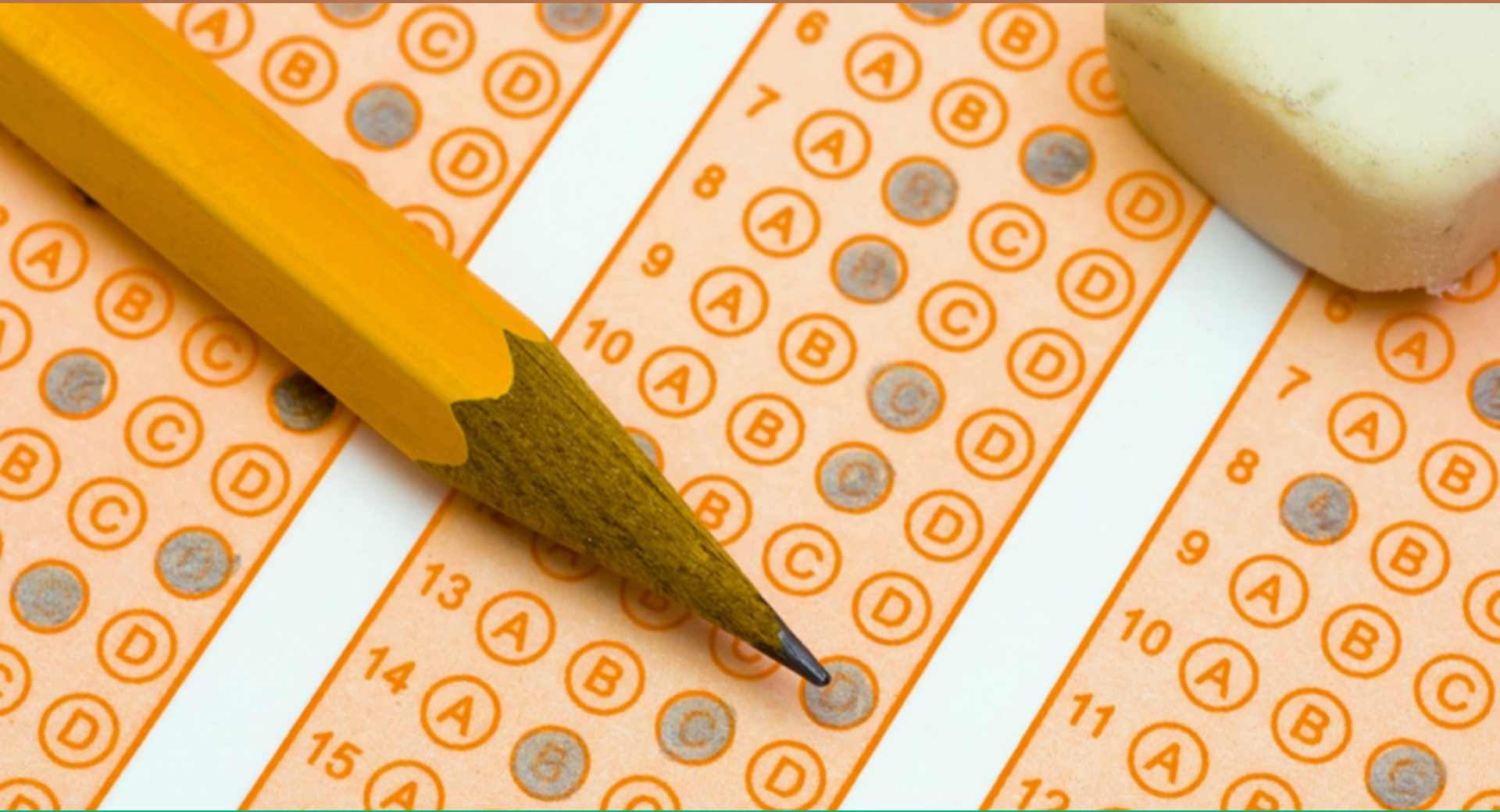


College Admissions Testing

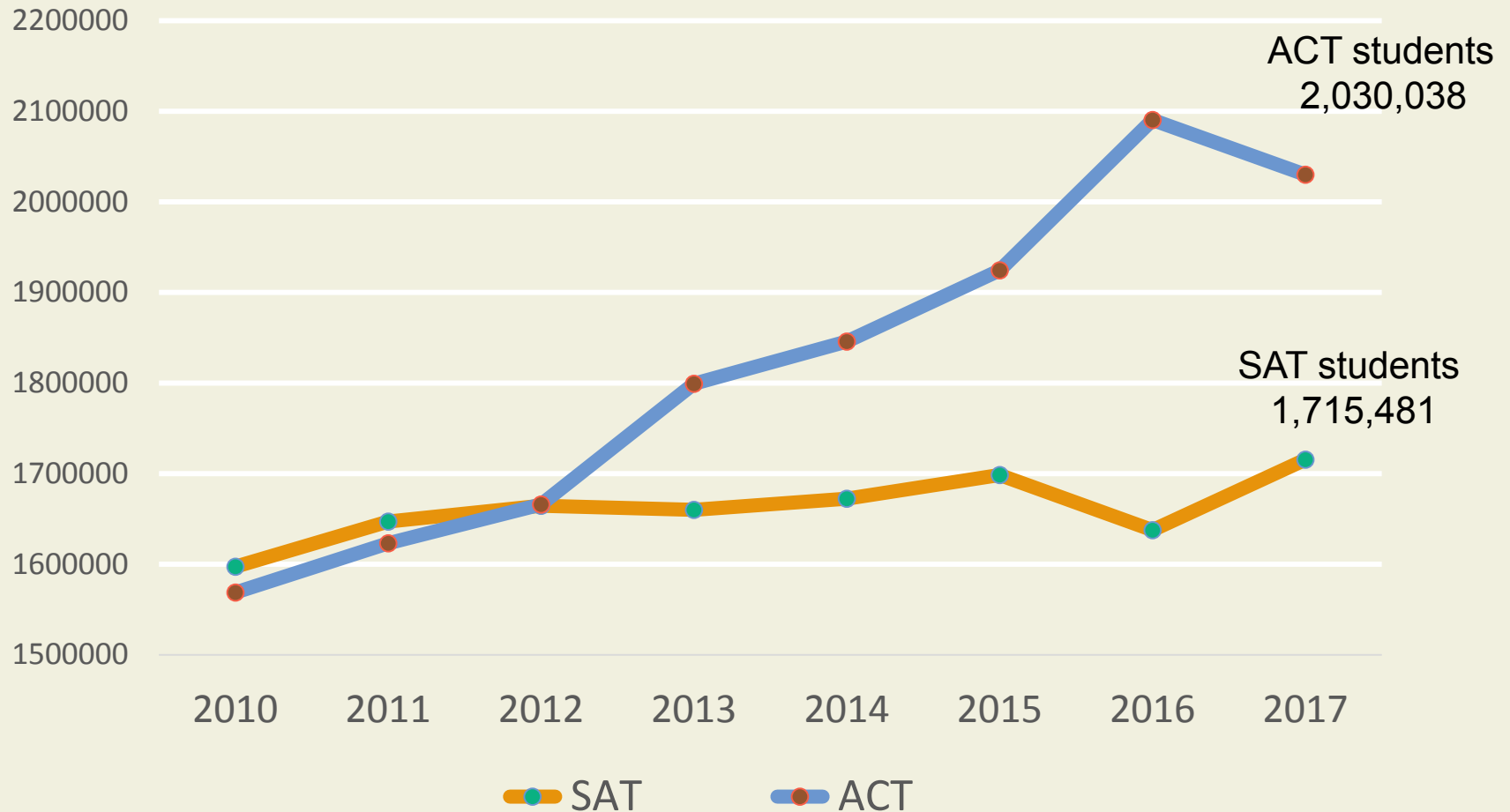
A Roadmap for the SAT and ACT



Summit Educational Group

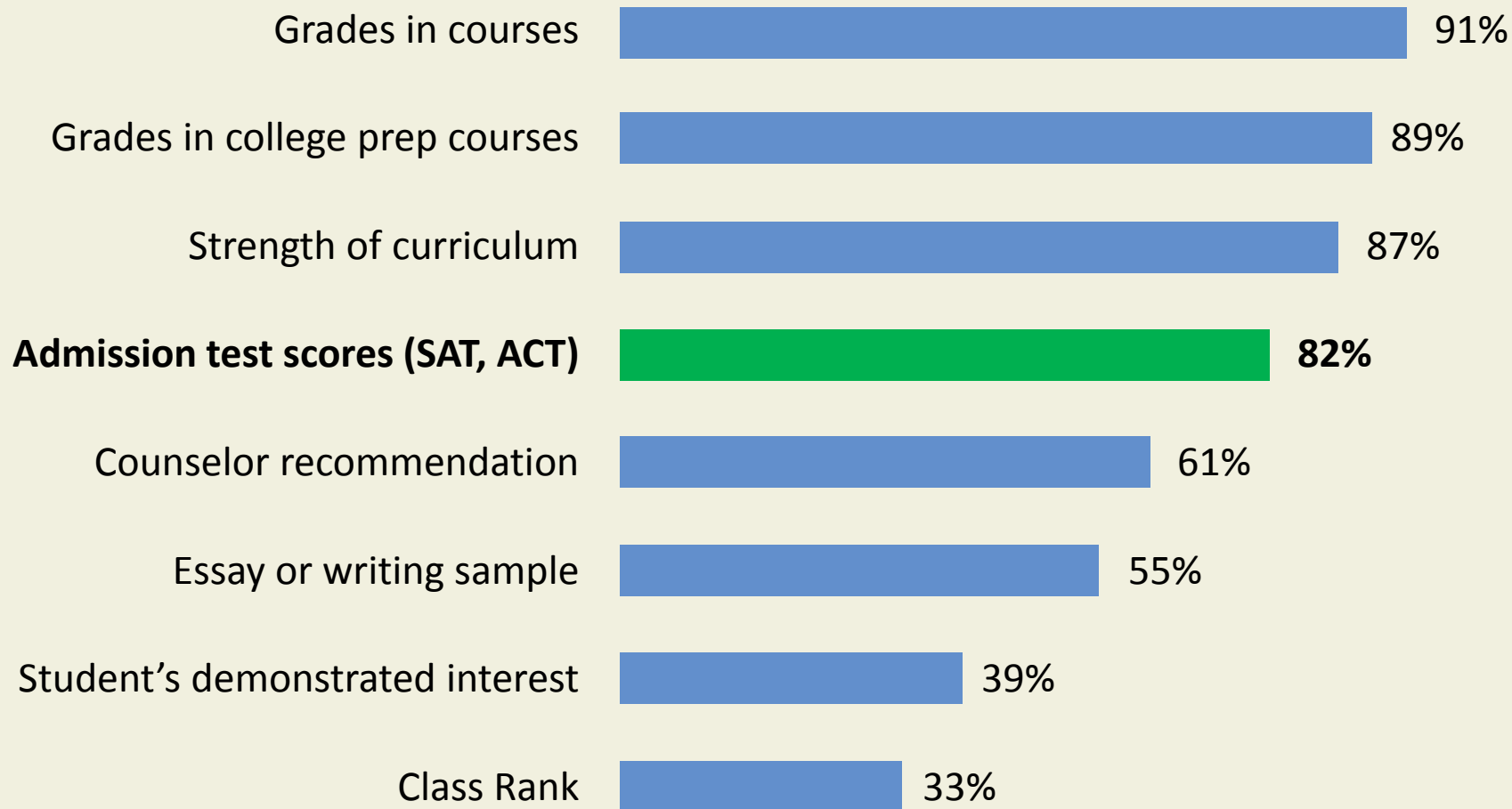
The College Board vs. ACT, Inc

SAT/ACT Test-Takers 2010-2017



Test Scores – Relative Importance

Percentage of Colleges Reporting “Considerable or Moderate Importance”



Test Optional Schools

“We want outstanding students from all over the world and from all different backgrounds—regardless of their standardized scores.”

- Karen Stroud Felton
Former Dean of Admissions
George Washington University

Create a Testing Plan



- Which tests should I take?

- When should I take them?

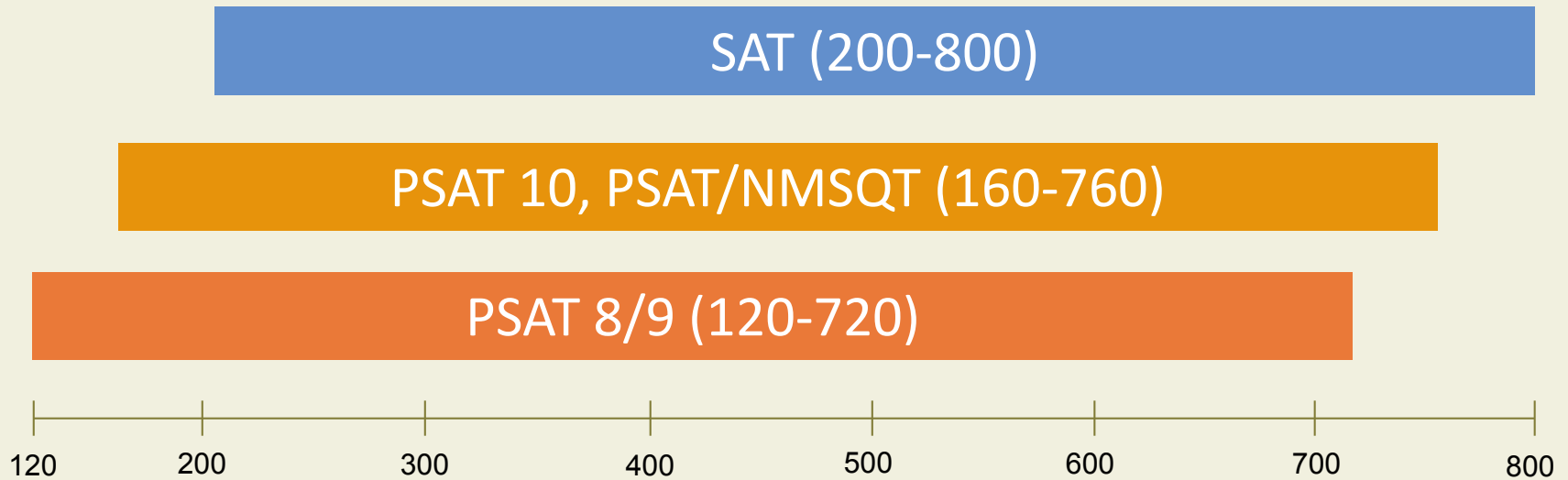
- How and when should I prepare for them?

Which Tests Should I Take?



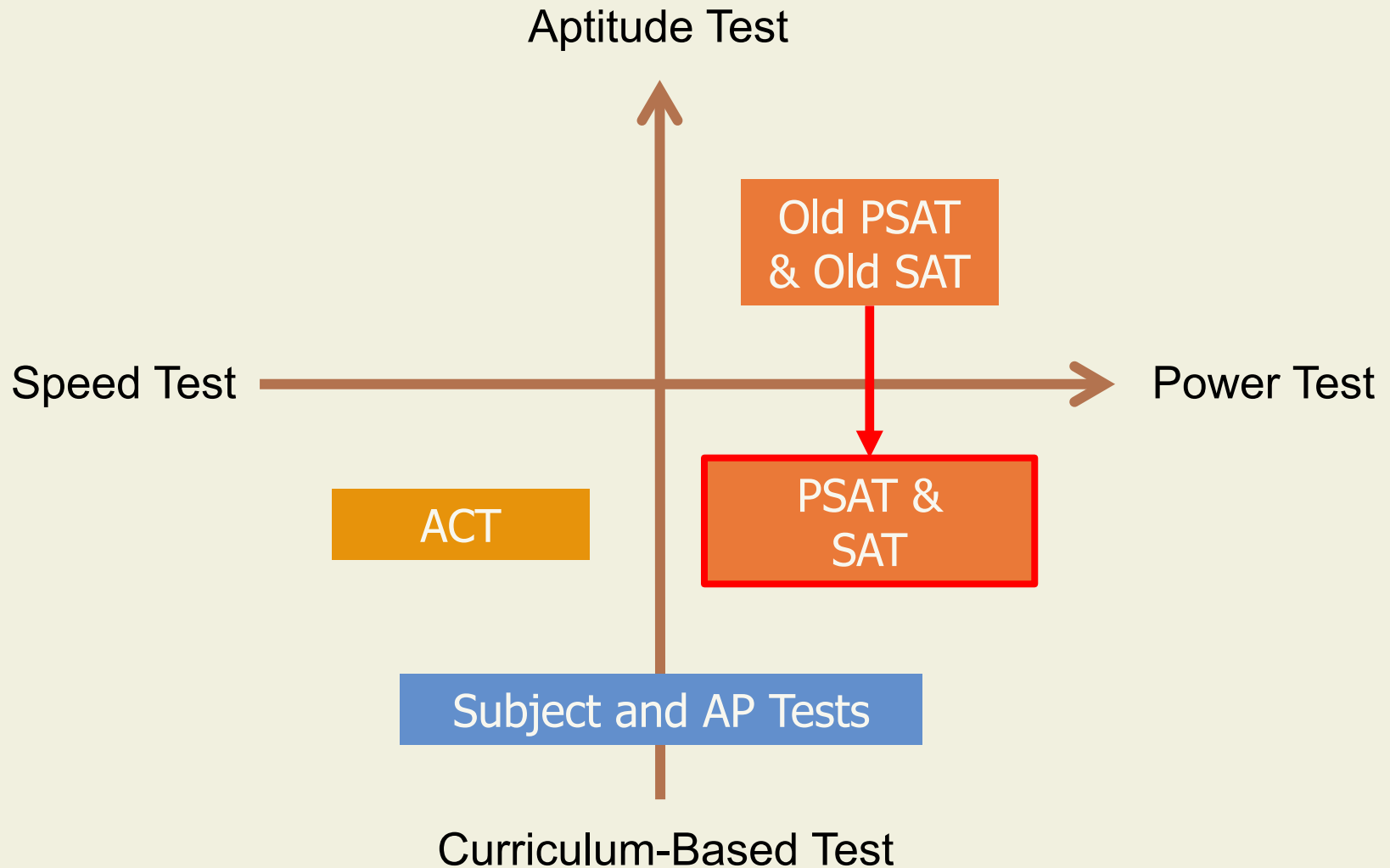
- PSAT
- SAT
- ACT
- Subject Tests
- AP Tests

PSAT is Practice for the SAT

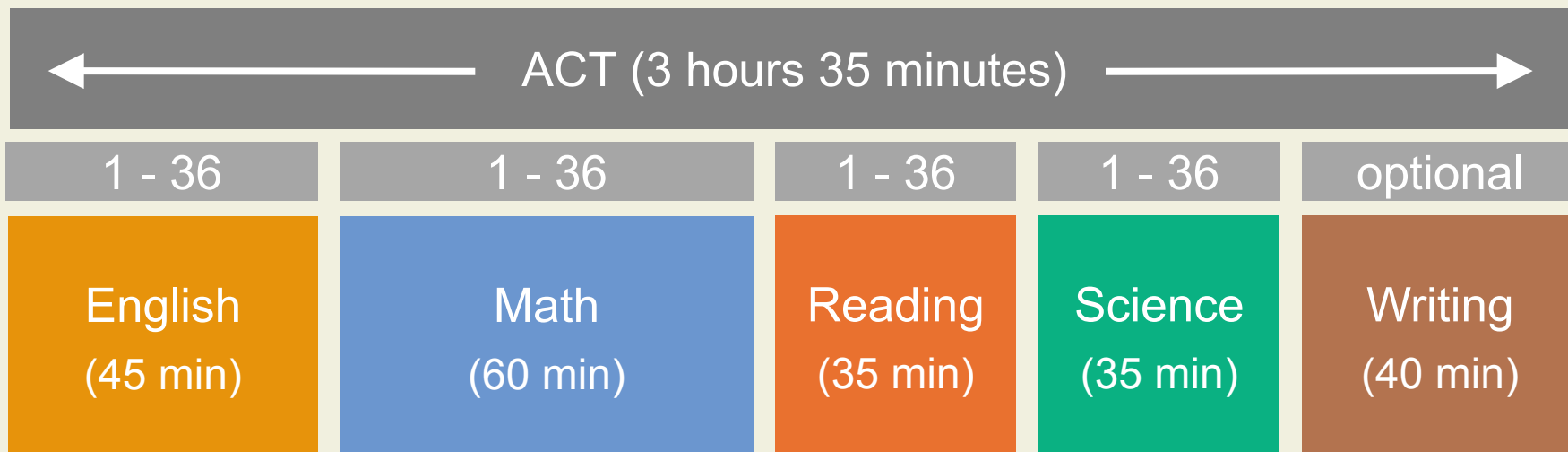
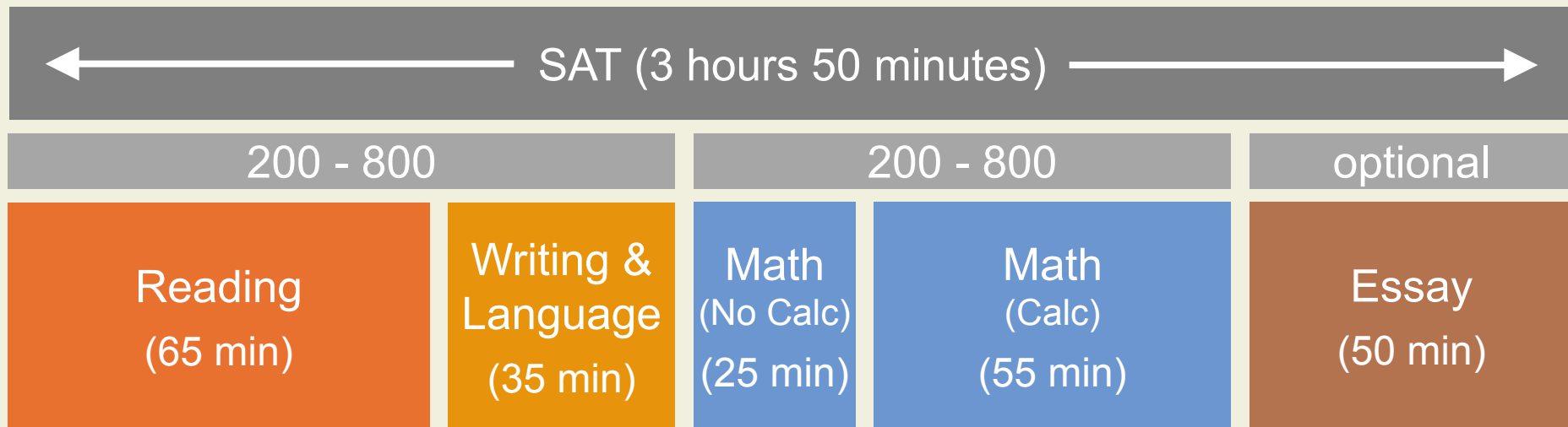


PSAT scores show what you would have scored on the SAT on that same day.

Dimensions of Standardized Testing



SAT/ACT – Similar in Structure





Writing & Language / English

ACT

In 2009, Libbrecht and Arnold's experiments revealed that triangular snowflakes begin with the same process of chemical bonding and forms a⁸ hexagonal shape. The triangular shape is an illusion resulting from one significant addition to the process dust.⁹

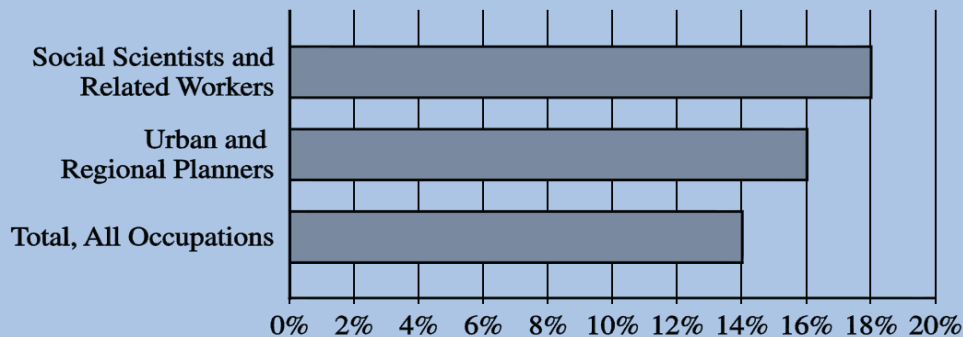
8. F. NO CHANGE
G. were they to form
H. if they formed
J. form
9. A. NO CHANGE
B. process is
C. process:
D. process;

SAT Data Graphics Questions

SAT

... As of 2010, there were approximately 40,300 urban and regional planners employed in the United States. The United States Bureau of Labor Statistics forecasts steady job growth in this field, **6** projecting that 16 percent of new jobs in all occupations will be related to urban and regional planning. Population growth and concerns about environmental sustainability are expected to spur the need for transportation planning professionals.

Urban and Regional Planners
Percent Increase in Employment, Projected 2010–2020



Which choice completes the sentence with accurate data based on the above graph?

- A) NO CHANGE
- B) warning, however, that job growth in urban and regional planning will slow to 14 percent by 2020.
- C) predicting that employment of urban and regional planners will increase 16 percent between 2010 and 2020.
- D) indicating that 14 to 18 percent of urban and regional planning positions will remain unfilled.



Reading

SAT/ACT – Reading

SAT

More nuanced reading for deeper understanding

Complexity ranges from grade 9-10 to early college level

13 minutes per passage

Data Graphics

ACT

Quick, efficient reading for comprehension

Complexity ranges from grade 9-10 to early college level

8 $\frac{3}{4}$ minutes per passage

$$\frac{dx}{\sqrt[3]{x}} = \frac{dx}{\sqrt[6]{x^3} + \sqrt[6]{x^2}} = \left[\begin{array}{l} \sqrt[6]{x} = E \\ x = E^6 \\ dx = 6E^5 dt \end{array} \right] = \frac{6t^5}{t^3 + t^2} dt$$

$$\frac{6t^5}{t^3 + t^2} = \frac{6t^2}{t+1} = 6 \left(\frac{t^3 + 1}{t+1} - \frac{1}{t+1} \right) dt = 6 \left(t^2 - t + 1 - \frac{1}{t+1} \right) dt$$

$$6 \left[\frac{t^3}{3} - \frac{t^2}{2} + t - \ln|E+1| \right] + C =$$

$$= 2 \left[\frac{(\sqrt[6]{x})^3}{3} + \sqrt[6]{x} \cdot \ln|\sqrt[6]{x} + 1| \right] + C$$

Mathematics

SAT/ACT – Math

SAT

The graph of the linear function f has intercepts at $(a, 0)$ and $(0, b)$ in the xy -plane. If $a + b = 0$ and $a \neq b$, which of the following is true about the slope of the graph of f ?

- A) It is positive.
- B) It is negative.
- C) It equals zero.
- D) It is undefined.

ACT

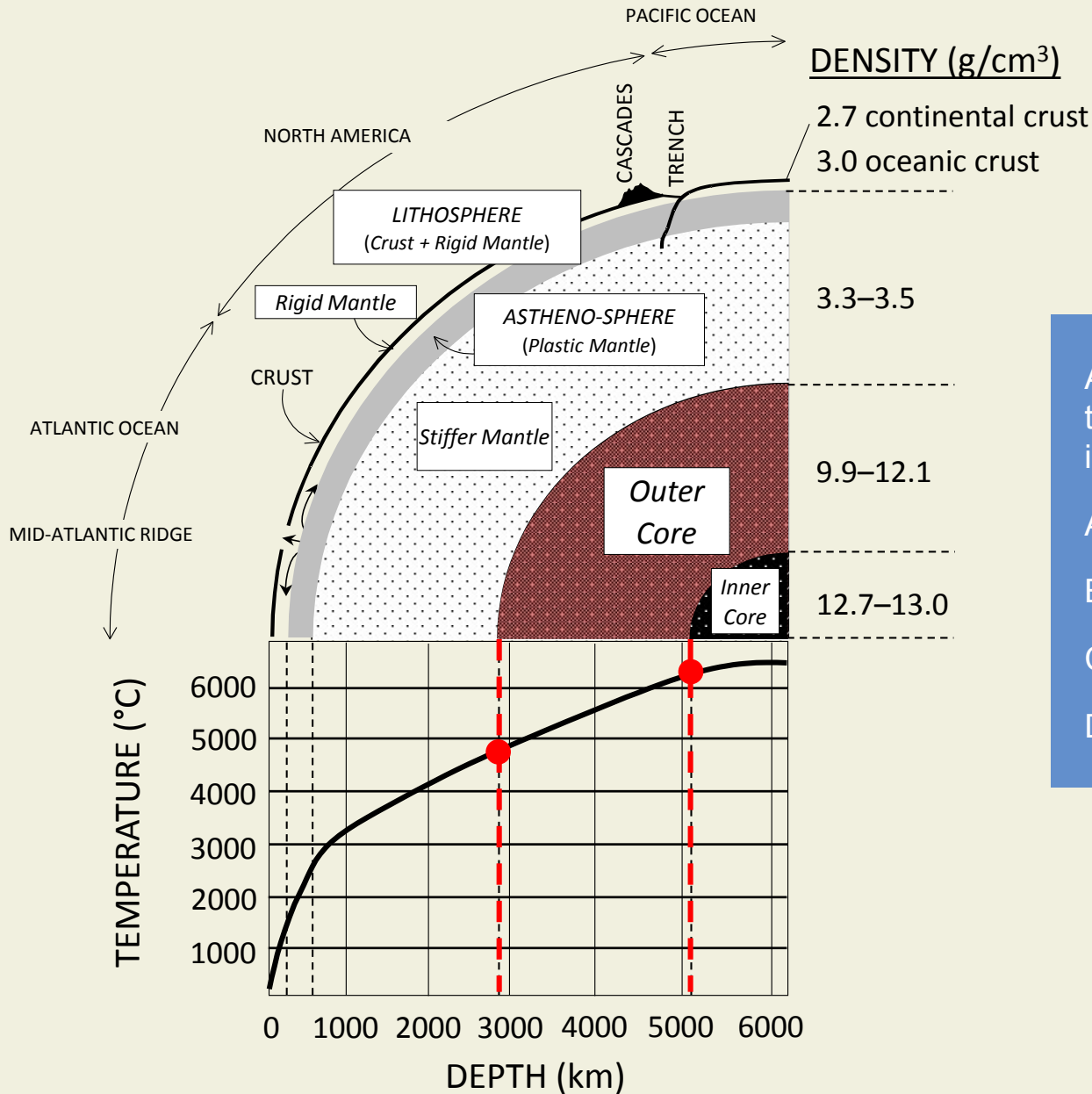
If two lines in the standard (x, y) coordinate plane are perpendicular and the slope of one of the lines is 3, what is the slope of the other line?

- A. -3
- B. -1
- C. $-1/3$
- D. $1/3$
- E. 3



Science

SAT/ACT – Science



According to Figure 1, the temperature of the Outer Core is approximately between:

- A. 1000° C and 2500° C
- B. 2500° C and 5000° C
- C. 4800° C and 6300° C
- D. 6200° C and 6500° C



Essay / Writing

SAT/ACT – Essay/Writing

SAT Essay Prompt

The ACT essay assignment asks you to **WRITE** an argumentative essay, whereas the SAT essay assignment asks you to **ANALYZE** an argumentative essay.



Comparing the SAT and ACT

SAT Questions

More challenging

Require deep understanding

Narrower focus of skills

More time per question

ACT Questions

Straightforward

Require instant recognition

Broader scope of skills

Require constant, rapid pace

Choosing SAT or ACT



"We were originally thinking SAT, but then Noah's admissions advisor told us left-handed students born on Tuesdays do better on the ACT."

Concordance Tables

SAT	ACT
1600	36
1590*	
1580	
1570	35
1560	
1550	
1540*	
1530	34
1520	
1510	
1500*	
1490	33
1480	
1470	
1460*	
1450	32
1440	
1430*	
1420	
1410	31
1400*	
1390	
1380	
1370*	30
1360	
1350	
1340*	29
1330	

SAT	ACT
1320	28
1310*	
1300	
1290	27
1280*	
1270	
1260	
1250	26
1240*	
1230	
1220	25
1210*	
1200	
1190	24
1180*	
1170	
1160	
1150	23
1140*	
1130	
1120	22
1110*	
1100	
1090	21
1080*	
1070	
1060	

SAT	ACT
1050	20
1040*	
1030	
1020	19
1010*	
1000	
990	
980	18
970*	
960	
950	17
940	
930*	
920	
910	16
900	
890*	
880	
870	15
860	
850*	
840	
830	14
820	
810	
800*	
790	
780	

SAT	ACT
770	13
760*	
750	
740	
730	12
720	
710*	
700	11
690	
680	
670*	
660	10
650	
640	
630*	
620	9
610	
600	
590*	
580	N/A
570	N/A
560	N/A



When Should I Take Them?

Test Dates – 2018/2019

PSAT	SAT and Subject Tests	ACT
October 10, 2018	October 6, 2018	September 8, 2018
	November 3, 2018	October 27, 2018
	December 1, 2018	December 8, 2018
	March 9, 2019 (SAT only)	February 9, 2019
	May 4, 2019	April 13, 2019
	June 1, 2019	June 8, 2019
	August 24, 2019	July 13, 2019

Sample Testing Plans

	Sophomore Year	Junior Year	Senior Year
Sample Plan	<ul style="list-style-type: none">• October PSAT• May or June Subject Tests (if appropriate)• Diagnostic SAT and ACT tests during summer between sophomore and junior years	<ul style="list-style-type: none">• October PSAT/NMSQT• March & May SATs or February & April ACTs• June Subject Tests (as needed)	<ul style="list-style-type: none">• Final SAT or ACT as needed

Most students should take the SAT or ACT twice in their junior year and again once, if necessary, in the fall of their senior year.

Superscoring

March	
Reading & Writing	Math
580	570
1150	

May	
Reading & Writing	Math
580	650
1230	

October	
Reading & Writing	Math
640	620
1260	

Superscore	
Reading & Writing	Math
1290	

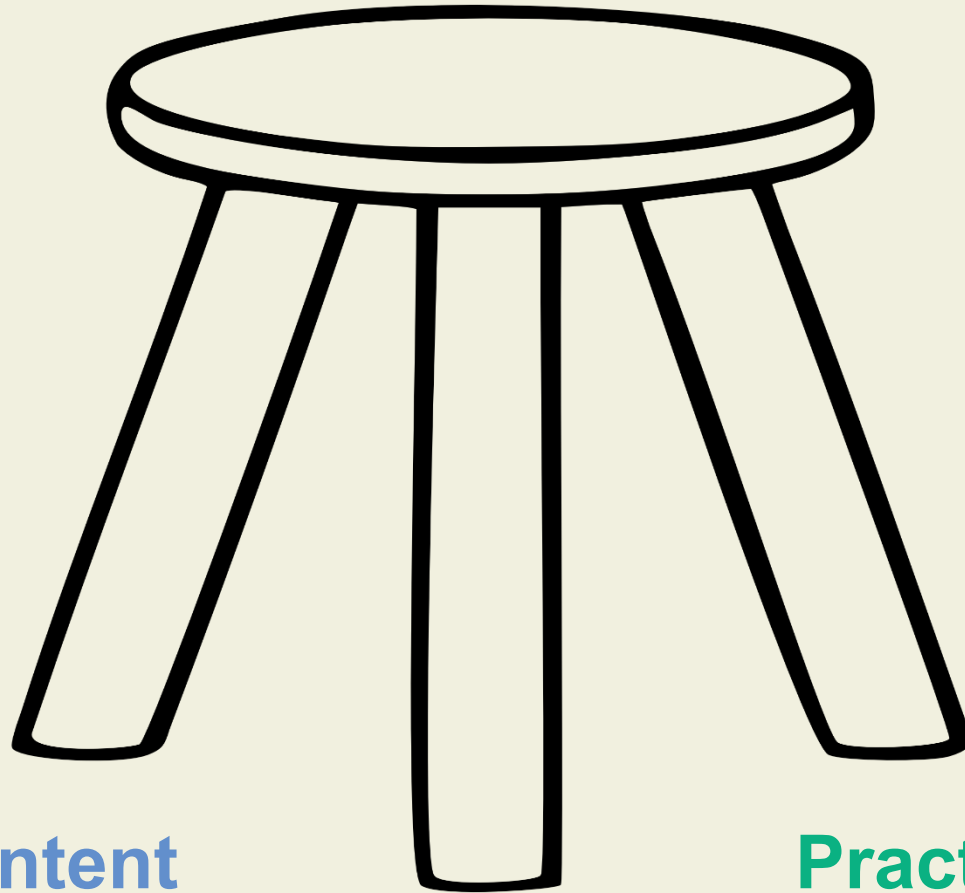


How Should I Prepare for Them?

Choose a Starting Date

Test prep should allow for at least 6-15 weeks of study and practice before the official test date.

Foundations of Test Preparation



**Content
Mastery**

Strategy

**Practice
Tests**

Guiding Principles

Most students will score the same, no matter what tests they take, but it's worth looking for a student's best test.

A good testing plan prioritizes school work over test prep. Testing early and often is generally not sensible.

Prepping for one test helps prepare for the other.

Students score their best at end of junior year and fall of senior year. It is the RARE student who is finished by January of junior year, even high scorers.

Last, But Not Least...

Maintain perspective.

It's just a test.



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