Do PSAT/NMSOT scores fairly reflect students' skills?

### **PSAT/NMSQT** Percentiles and Mean Scores

ca be .ed .c. a, ea. de ? e, f. , a ce a<sub>f</sub>

JUNIORS					
Score					

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Points to note
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- PA/NMQ , mean , , , , , , , , , ,
- average . . . . . .
- standard deviation  $\mathbb{I}_{\mathcal{I}} = \mathbb{I}_{\mathcal{I}} =$

### Reliability

shows how consistently a student would earn similar scores in repeated testings.

	Reliability Coefficient	Average SEM
<b>Critical Reading</b>	0.88	3.7
Mathematics	0.89	3.6
Writing Skills	0.86	4.0

 Points to note

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- P A /NM Q L standard error of measurement (EM)

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### Points to note

- ⊠ r r r i r 60 ⊠ 240, ⊠ ⊠ r r r i ⊠ ⊠ i⊠ ir ⊠ ⊠ , r i⊠ r i . F , i⊠ ir 62, r i⊠ r i 59 ⊠ir ⊠ r r i 177 (56 + 62 + 59).
- r⊠er p⊡r ⊠r\_\_r\_ r\_\_\_ ₩ - r\_\_ r\_ ⊠r ⊠r A/ir\_≌r i ₩ .

## How NMSC uses the Selection Index

 Image: Section of the section of th

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	FORM W	
CRITICAL READING	МАТН	WRITING SKILLS
Section 1	Section 2	Section 5
1. B	1. B	1. C
2. C	2. C	2. C
3. E	3. A	3. B
4. D	4. A	4. A 5. E
5. D 6. A	5. E 6. A	5. E 6. A
7. B	7. D	7. C
8. B	8. B	8. C
9. D	9. D	9. D
10. A	10. B	10. D
11. B	11. E	11. E
12. C	12. B	12. C
13. E	13. C	13. E
14. B	14. D	14. D
15. C	15. E	15. E
16. D	16. A	16. E
17. D 18. C	17. C 18. A	17. E 18. E
18. C 19. A	18. A 19. E	18. E 19. C
20. E	20. D	20. E
21. B	20. 0	20. E 21. C
22. C		22. A
23. D		23. B
24. A		24. E
		25. C
Section 3	Section 4	26. B
25. C	21. A	27. B
26. E	22. E	28. B
27. C 28. C	23. D 24. D	29. A 30. E
28. C 29. C	24. D 25. B	30. E 31. D
30. B	26. A	31. D 32. C
31. D	27. C	33. E
32. D	D	
	3/2	
	26.0 < x < 29.5	
	27/2	

### 2014 PSAT/NMSQT S , C , C , Tab, r

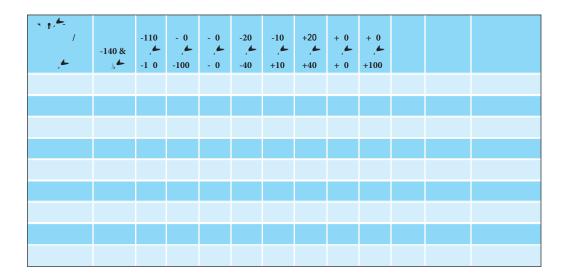
show how points obtained on the test are converted to scores on the 20-80 PSAT/NMSQT scale.

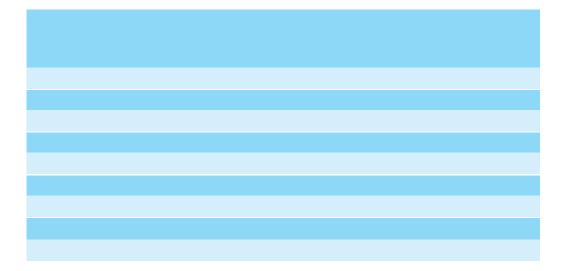
#### **Important to note**

- Points represent the total number of correct answers minus a quarter (1/4) of a point for each incorrect answer to a multiple-choice question.
- Nothing is deducted for incorrect answers to student-produced response questions or for omitted answers of any type.
- Points are totaled, then converted to scores on the 20–80 PSAT/NMSQT scale.
- Converting points to scores adjusts for slight di erences in di culty between various forms. A statistical process called equating adjusts for these small di erences. is

ensures that a score of, say, 65 on one form of the test re ects a similar level of performance as does a 65 on another form of the test.

 ere is no advantage or disadvantage in taking either the Wednesday or the Saturday test form.





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