

PSAT/NMSQT®

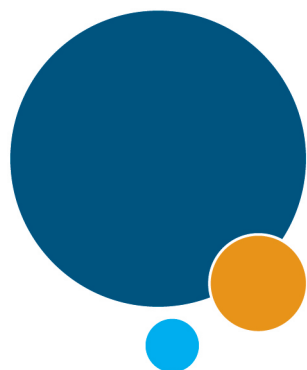
Preliminary SAT/National Merit Scholarship Qualifying Test

2014-15 SOAS

Summary of Answers and Skills Report

Wednesday Form: Seniors, Class of 2015

Oregon State Public Schools



PSAT/NMSQT results for your students are enclosed. Use this information to adjust curricula and instructional practice to improve student learning.

Performance Overview

This report details the performance of 83 students from the 12th grade. This page provides an overview of your students' performance on the PSAT/NMSQT, allowing you to make general comparisons of your student population with the state and nation. The remainder of the report will assist you in analyzing your students' performance in much greater detail - use it to identify gaps in your local curriculum or to adapt instruction.

For each section of the test (critical reading, mathematics and writing skills), you will find the following:

- **Skill Analysis:** A summary of your students' performance on the college readiness skills tested on the PSAT/NMSQT.
- **Question Analysis:** A detailed analysis of your students' responses to each PSAT/NMSQT question.
- **Comparable Group Analysis:** A statistical comparison highlighting anomalies in your students' performance on each PSAT/NMSQT question.

83

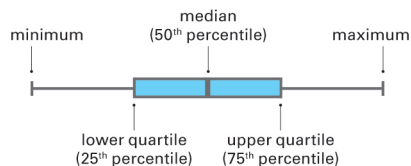
12th GRADE STUDENTS

39

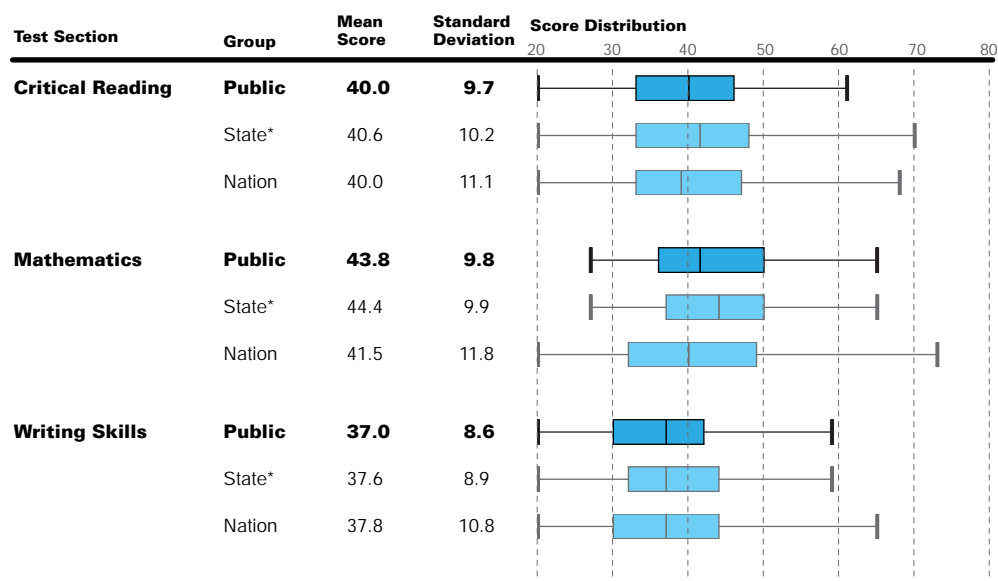
SCHOOLS

Score Distribution

The "boxplots" to the right show the distribution of test scores for your students, as well as for the state and nation. When interpreting these results, focus on typical scores (means and medians), variability in scores (standard deviations and lengths of boxes), and shapes of distributions (position of boxes relative to the median). Plots that have boxes that are off-center reveal that a greater proportion of students are high-scoring (the box to the right) or low-scoring (box appears to the left).



Note: The minimum and maximum exclude outliers.



* Note: "State" refers to all students in your state, including public and non-public schools for all pages in this report.

Critical Reading Skill Analysis

The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group

x Public
G State
F Nation

Difficulty

Easy (1-3)
Medium (4-6)
Hard (7-9)

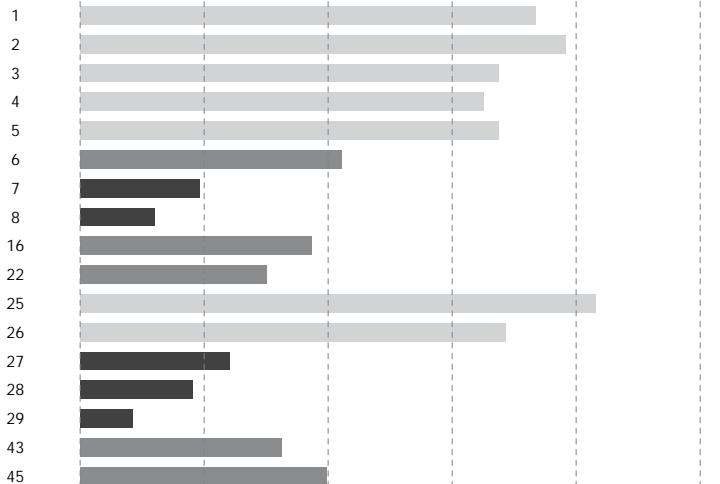
Percent of Students Responding Correctly

Question 0% 20% 40% 60% 80% 100%

Determining the Meaning of Words

Use vocabulary skills, context, roots, prefixes, and suffixes to determine the meaning of words.

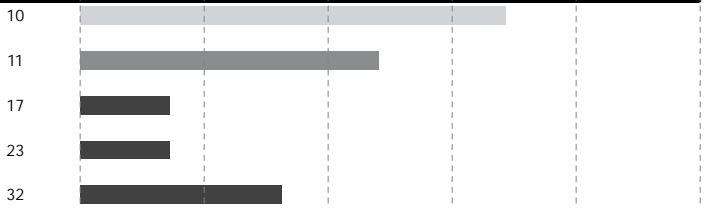
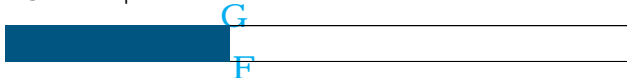
7.7 of 17 questions correct



Author's Craft

Understand how authors use tone, style and writing devices such as metaphor or symbolism.

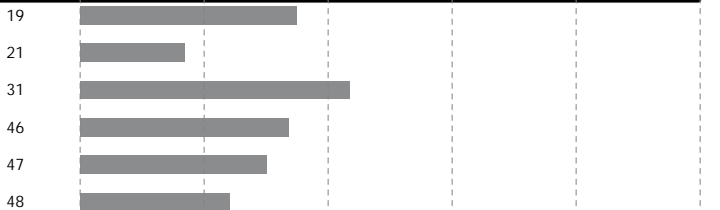
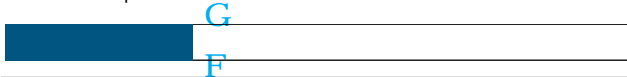
1.8 of 5 questions correct



Reasoning and Inferencing

Understand assumptions, suggestions and implications in reading passages and draw informed conclusions.

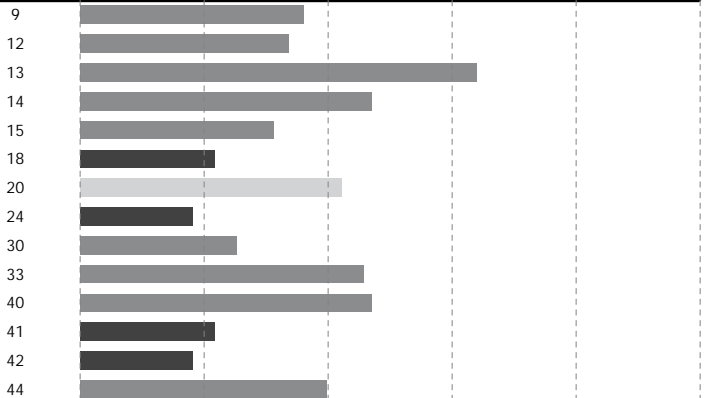
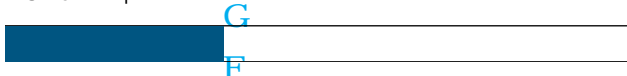
1.8 of 6 questions correct



Organization and Ideas

Understand the organization of a reading passage, and identify the main and supporting ideas.

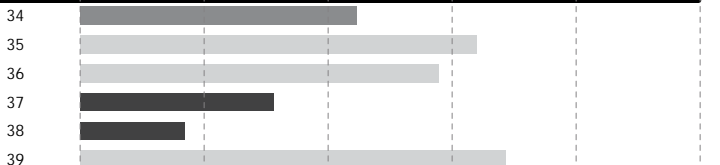
4.9 of 14 questions correct



Understanding Literary Elements

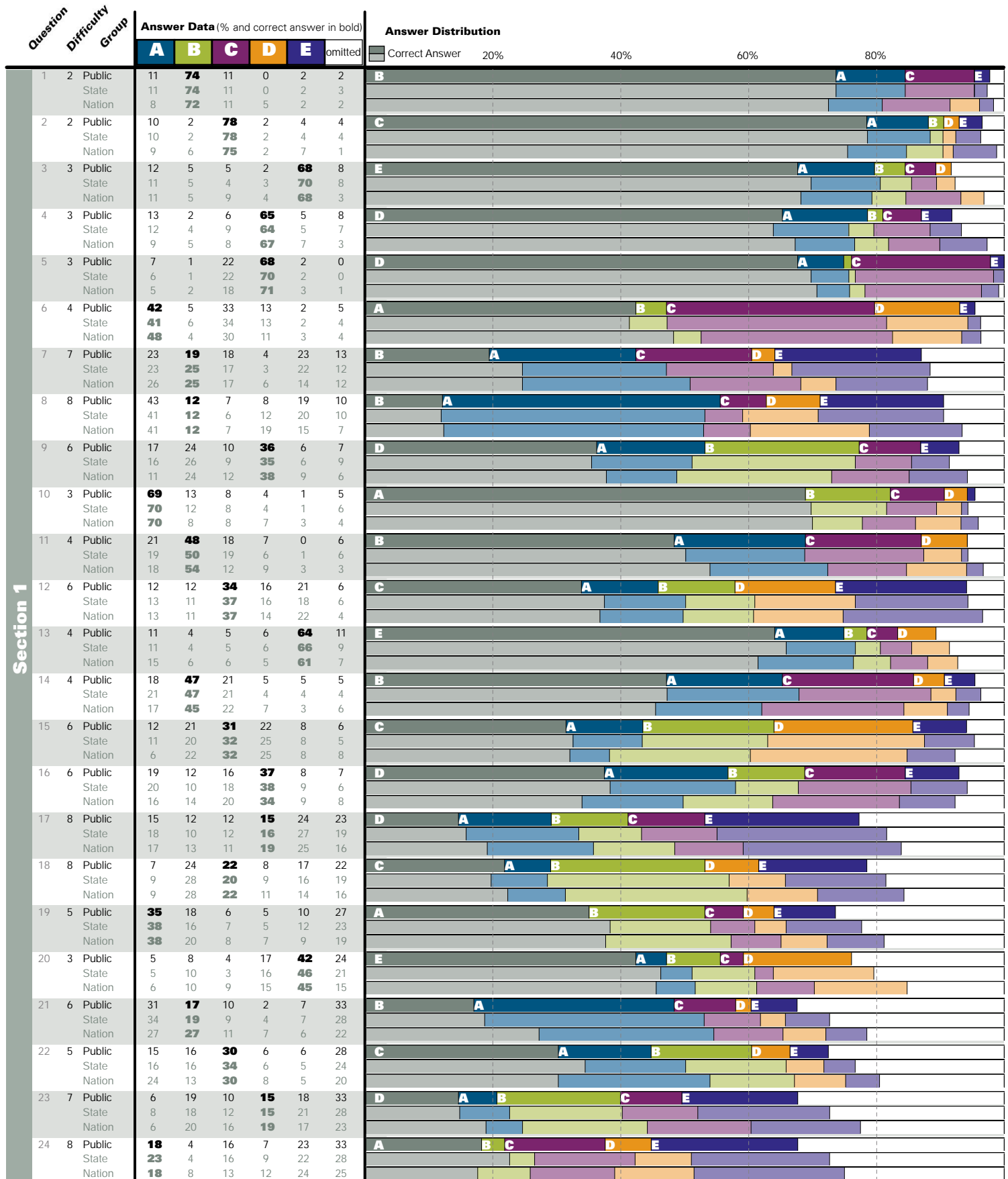
Understand literary elements such as plot, setting and characterization.

2.8 of 6 questions correct



Critical Reading Question Analysis

This section shows the distribution of correct and incorrect answers for your students, state and nation.



Question	Difficulty	Group	Answer Data (% and correct answer in bold)							Answer Distribution									
			A	B	C	D	E	omitted	Correct Answer	20%	40%	60%	80%						
Section 3	25	1	Public State Nation	5 6 4	7 6 8	83 83 81	4 4 5	0 0 1	1 1 1	C					A	B		D	
	26	2	Public State Nation	4 4 7	17 16 18	5 4 6	5 4 5	69 72 63	1 1 2	E					A	B		C	D
	27	7	Public State Nation	19 20 29	13 14 12	24 26 20	25 23 22	6 7 8	12 12 10	C		A		B		D		E	
	28	8	Public State Nation	17 18 24	18 22 22	18 19 17	12 11 9	11 11 13	24 21 14	C		A		B		D		E	
	29	9	Public State Nation	17 18 15	12 13 14	8 9 15	17 19 19	24 23 21	22 20 16	C	A		B		D		E		
	30	6	Public State Nation	17 17 14	25 27 34	12 14 15	22 23 21	11 9 10	13 12 6	B		A		C		D		E	
	31	5	Public State Nation	17 16 22	15 16 16	6 5 8	43 46 42	8 8 6	11 10 5	D		A		B		C		E	
	32	7	Public State Nation	12 11 12	19 21 17	17 16 21	33 33 29	13 13 12	6 7 9	D		A		B		C		E	
	33	5	Public State Nation	46 48 43	2 4 13	16 15 14	10 10 10	19 17 15	7 7 5	A			B	C		D	E		
	34	5	Public State Nation	45 44 44	13 14 16	7 9 9	18 15 12	8 11 12	8 8 7	A			B		C	D		E	
	35	3	Public State Nation	7 8 10	64 64 60	7 6 7	6 7 11	7 8 7	8 8 5	B				A		C	D	E	
	36	2	Public State Nation	10 11 10	11 10 7	58 60 64	8 8 5	5 4 6	8 8 6	C				A	B		D	E	
	37	7	Public State Nation	7 8 12	16 17 19	22 25 27	12 10 8	31 30 26	12 11 7	E		A	B		C		D		
	38	8	Public State Nation	21 20 14	17 18 22	18 21 19	16 17 21	15 13 11	15 13 13	B		A		C		D		E	
	39	2	Public State Nation	6 6 11	69 72 61	4 3 9	4 3 5	11 10 7	7 7 7	B				A		C	D	E	
	40	4	Public State Nation	2 3 6	21 17 16	47 53 49	11 10 9	6 6 9	13 12 12	C			A	B		D		E	
	41	7	Public State Nation	21 22 17	5 6 10	24 28 27	11 9 11	22 21 20	18 16 15	E	A		B	C		D			
	42	7	Public State Nation	6 10 12	18 19 21	21 19 21	15 14 15	12 14 13	29 26 18	B	A	C		D		E			
	43	5	Public State Nation	19 20 22	4 3 6	15 14 15	12 14 11	33 34 32	18 16 14	E		A		B	C		D		
	44	4	Public State Nation	10 10 10	1 2 8	40 41 46	8 10 8	13 14 11	28 24 17	C		A		D		E			
	45	4	Public State Nation	40 42 45	5 5 11	11 11 10	2 3 5	12 11 10	30 28 20	A	</								

Critical Reading Comparable Group Analysis

What is a comparable group?

A comparable group is a statistically generated group that allows you to identify questions where your students' performance diverges from what might be expected based on their overall performance. It is a sample of students whose overall performance was similar to the performance of your student population. This group is compiled based on performance only, and does not account for attributes like student demographics, geographic region or school size.

How is this information useful?

Focusing on questions where your students' performance is significantly lower than the comparable group performance can reveal opportunities where you might realistically expect to improve student learning. Similarly, when your students' performance is significantly higher than the comparable group performance, you can identify strengths in your curriculum and instruction, and work to ensure that those strengths are recognized and maintained.

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 1	1	2	74	74			}	
	2	2	78	78			}	
	3	3	68	72		}		
	4	3	65	73	}			
	5	3	68	72		}		
	6	4	42	46		}		
	7	7	19	19			}	
	8	8	12	8			}	
	9	6	36	35			}	
	10	3	69	70		}		
	11	4	48	54	}			
	12	6	34	35		}		
	13	4	64	63		}		
	14	4	47	46		}		
	15	6	31	29		}		
	16	6	37	31			}	
	17	8	15	16		}		
	18	8	22	19		}		
	19	5	35	35		}		
	20	3	42	45		}		
	21	6	17	24	}			
	22	5	30	28		}		
	23	7	15	15		}		
	24	8	18	14			}	

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 3	25	1	83	84		}		
	26	2	69	65			}	
	27	7	24	16			}	
	28	8	18	14			}	
	29	9	8	14	}			
	30	6	25	32	}			
	31	5	43	41		}		
	32	7	33	27			}	
	33	5	46	42			}	
	34	5	45	44		}		
	35	3	64	60		}		
	36	2	58	67	}			
	37	7	31	25			}	
	38	8	17	21		}		
	39	2	69	62			}	
	40	4	47	50		}		
	41	7	22	19		}		
	42	7	18	20		}		
	43	5	33	29			}	
	44	4	40	45		}		
	45	4	40	44		}		
	46	5	34	30			}	
	47	4	30	31		}		
	48	5	24	29		}		

Your students performed **significantly worse** on questions that fall in the dark blue column to the left,

and **significantly better** on questions that fall in the light blue column to the right.

Mathematics Skill Analysis

The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group

x Public
G State
F Nation

Difficulty

Easy (1-3)
Medium (4-6)
Hard (7-9)

Number and Operations

Understand types of numbers (integers, fractions, decimals), their properties, and the correct order of operations (multiplication, division, addition).

3.6 of 8 questions correct



Algebra and Functions

Solve problems using algebraic expressions and symbols to represent relationships, patterns, and functions of different types.

5.8 of 14 questions correct



Geometry and Measurement

Solve problems based on understanding the properties of shapes, such as triangles and circles, and the spatial relationships between angles and lines.

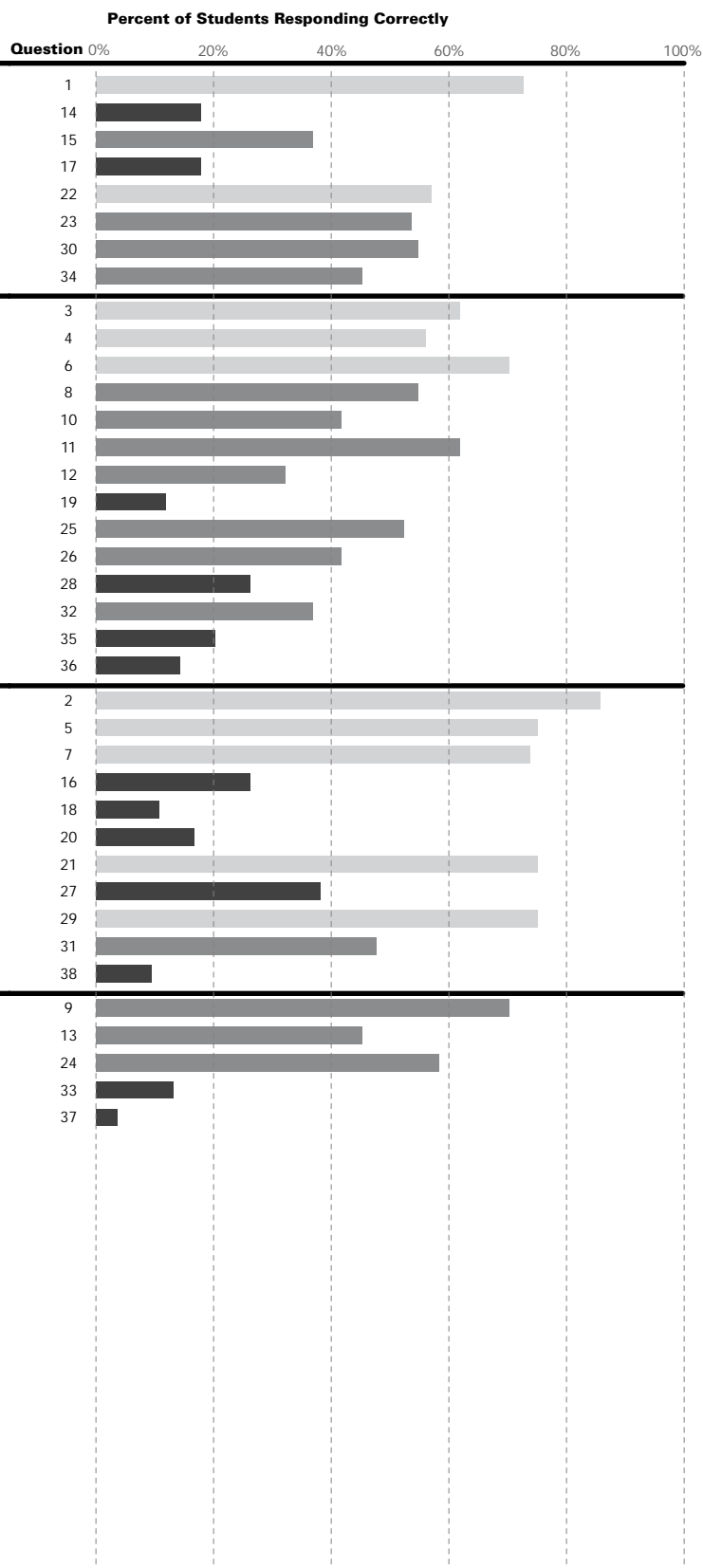
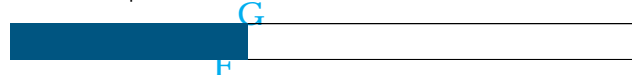
5.3 of 11 questions correct



Data, Statistics, and Probability

Analyze data, understand descriptive statistics, make inferences and determine the likelihood that certain events will occur.

1.9 of 5 questions correct



Mathematics Skill Analysis

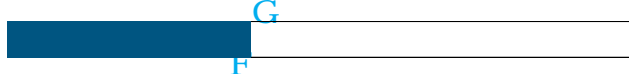
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Group	Difficulty
x Public	Easy (1-3)
G State	Medium (4-6)
F Nation	Hard (7-9)

Problem Solving

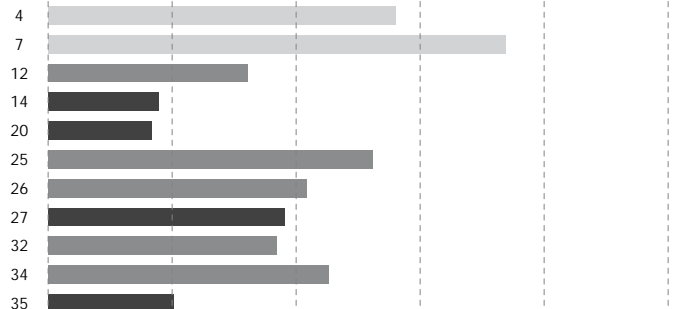
Solve abstract and practical problems, applying and adapting a variety of strategies. Monitor progress and evaluate answers in terms of questions asked.

4.3 of 11 questions correct



Percent of Students Responding Correctly

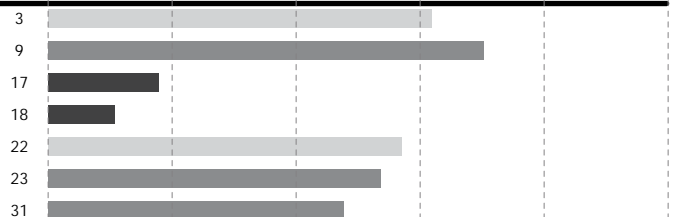
Question 0% 20% 40% 60% 80% 100%



Representation

Use and translate among representations including verbal, numerical, symbolic, and graphical to communicate mathematical ideas and solve problems.

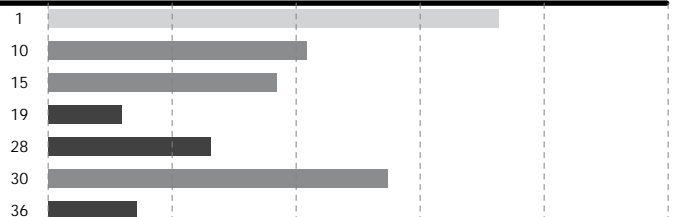
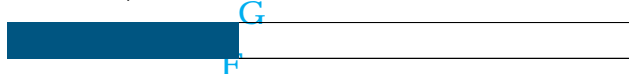
3.2 of 7 questions correct



Reasoning

Develop and use mathematical arguments and proofs to explore the truth of conjectures and justify conclusions.

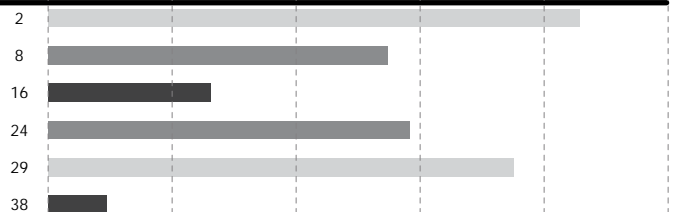
2.6 of 7 questions correct



Connections

Connect ideas from different areas of mathematics (particularly geometry and algebra) to state or solve abstract or applied problems.

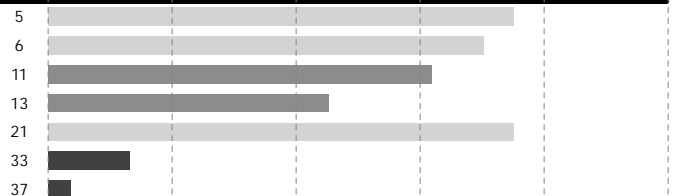
3.1 of 6 questions correct



Communication

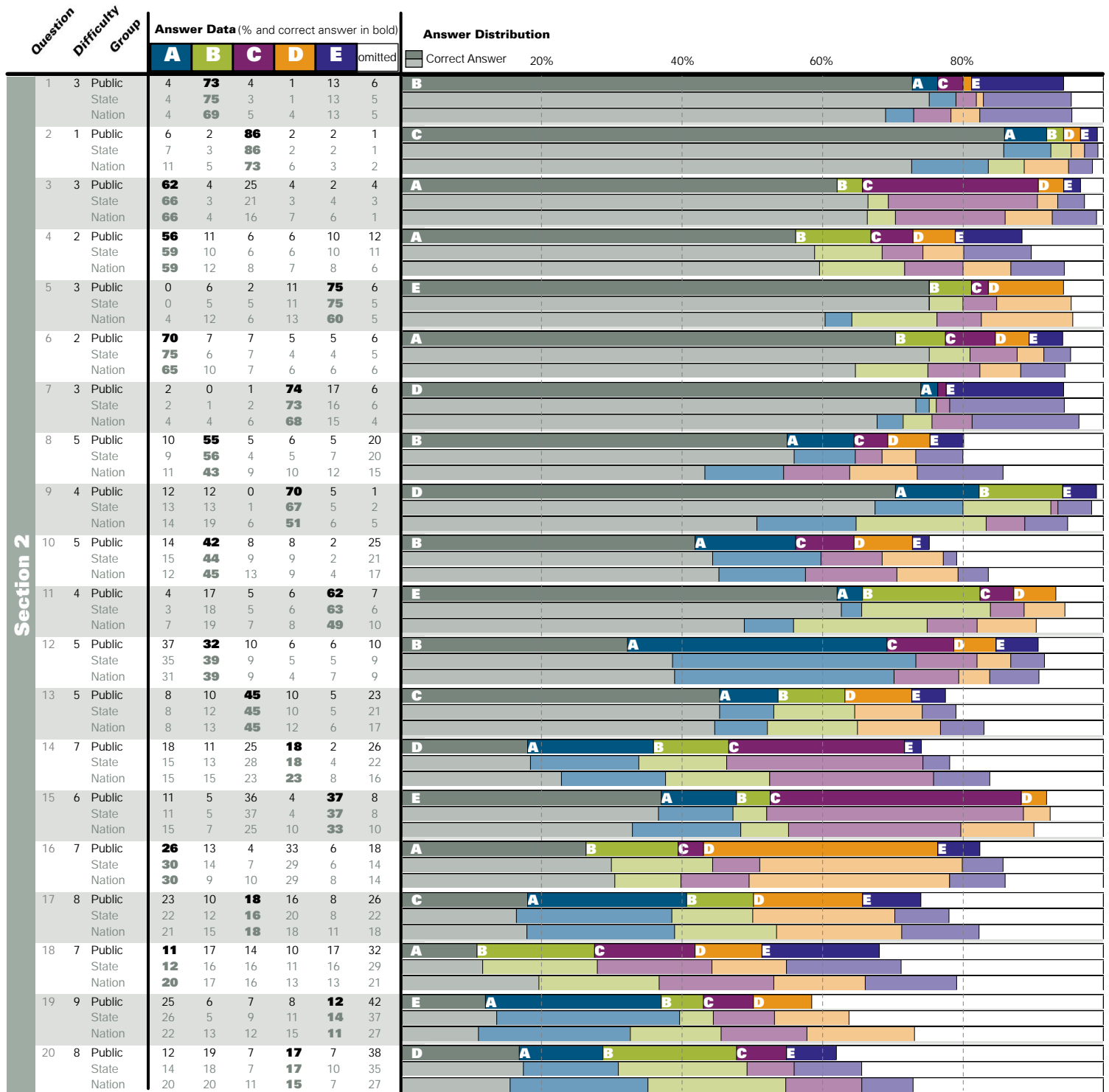
Express mathematical ideas precisely and communicate them coherently and clearly in the language and notation of mathematics.

3.4 of 7 questions correct

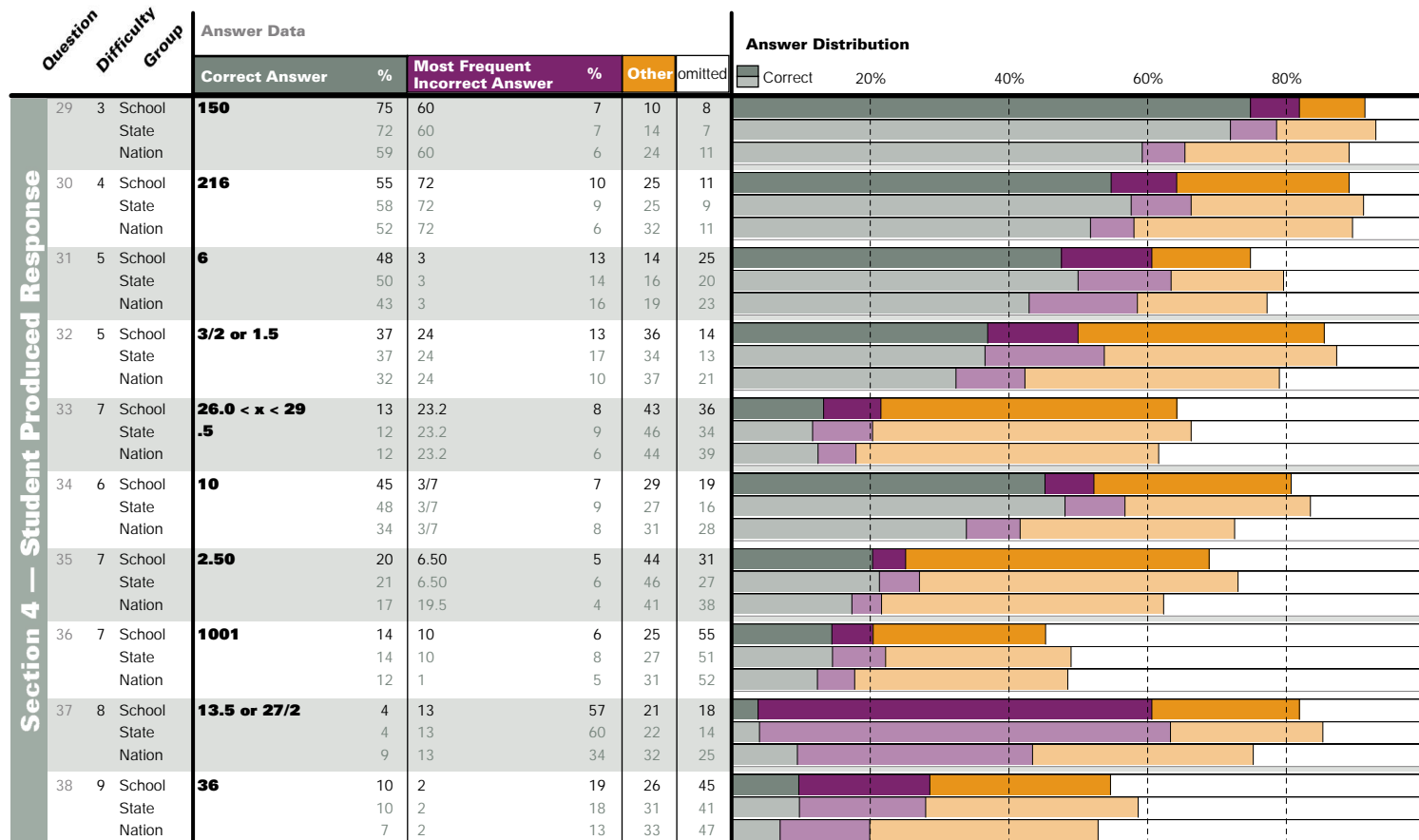
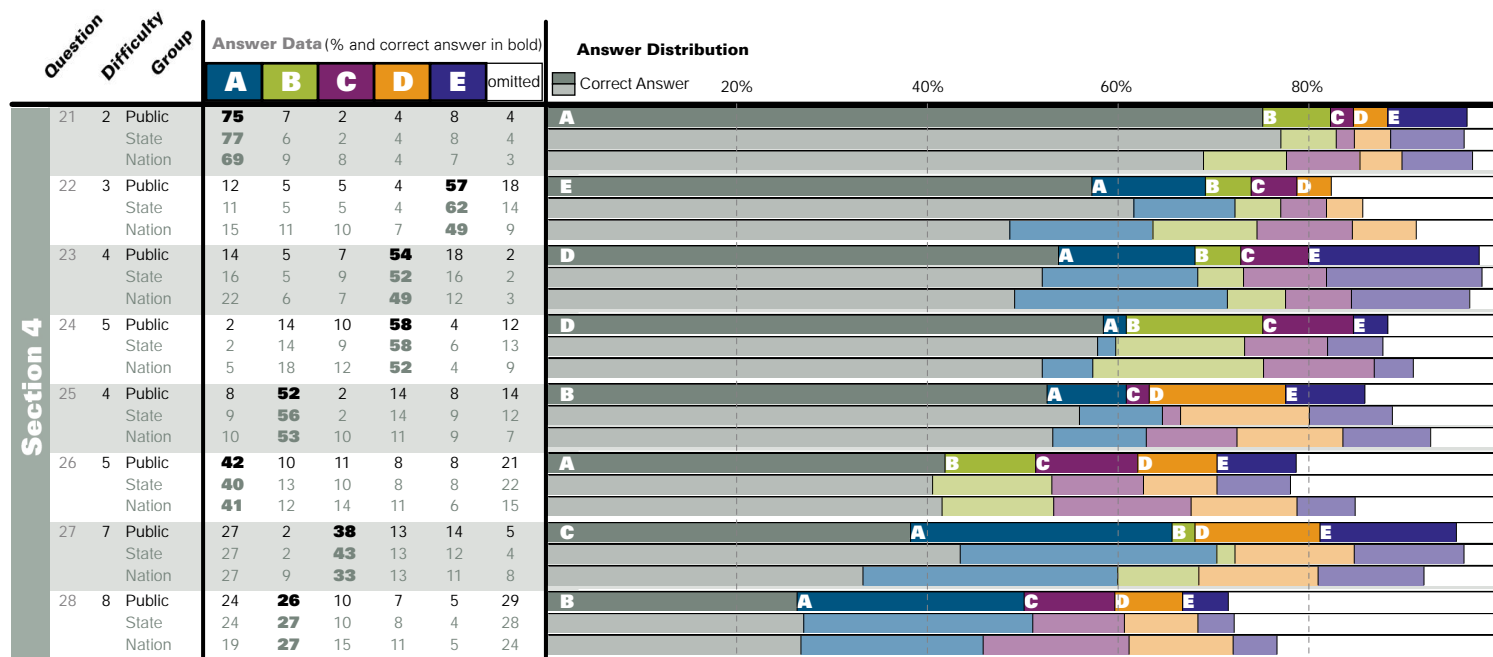


Mathematics Question Analysis

This section shows the distribution of correct and incorrect answers for your students, state and nation.



Mathematics Question Analysis



Mathematics Comparable Group Analysis

What is a comparable group?

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Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 2	1	3	73	77			}	
	2	1	86	80			}	
	3	3	62	76	}			
	4	2	56	69	}			
	5	3	75	68			}	
	6	2	70	72		}		
	7	3	74	77		}		
	8	5	55	46			}	
	9	4	70	57				}
	10	5	42	51	}			
	11	4	62	62		}		
	12	5	32	43	}			
	13	5	45	49		}		
	14	7	18	23		}		
	15	6	37	33			}	
	16	7	26	28		}		
	17	8	18	17		}		
	18	7	11	19	}			
	19	9	12	9		}		
	20	8	17	14		}		

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 4	21	2	75	77		}		
	22	3	57	62		}		
	23	4	54	55		}		
	24	5	58	54			}	
	25	4	52	57		}		
	26	5	42	42		}		
	27	7	38	34			}	
	28	8	26	25		}		
	29	3	75	64				}
	30	4	55	57		}		
	31	5	48	51		}		
	32	5	37	35			}	
	33	7	13	13		}		
	34	6	45	42			}	
	35	7	20	20		}		
	36	7	14	13		}		
	37	8	4	9		}		
	38	9	10	6		}		

Your students performed **significantly worse** on questions that fall in the dark blue column to the left,

and **significantly better** on questions that fall in the light blue column to the right.

Writing Skills Skill Analysis

The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group

x Public
G State
F Nation

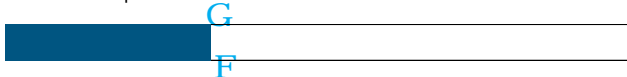
Difficulty

Easy (1-3)
Medium (4-6)
Hard (7-9)

Manage Word Choice and Grammatical Relationships Between Words

Understand relationships between and among words including subject-verb agreement, pronouns, and verb form and tense.

4.6 of 14 questions correct



Percent of Students Responding Correctly

Question 0% 20% 40% 60% 80% 100%

Manage Grammatical Structures Used to Modify or Compare

Understand correct use of adjectives, adverbs, comparative structures (neither/nor), and phrases used to modify or compare.

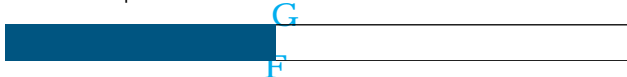
2.8 of 6 questions correct



Manage Phrases and Clauses in a sentence

Use sentence structures (parallelism, connectives & relative clauses) to indicate relationships between & among sentence elements.

3.9 of 9 questions correct



Recognize Correctly Formed Sentences

Recognize correct sentence structure.

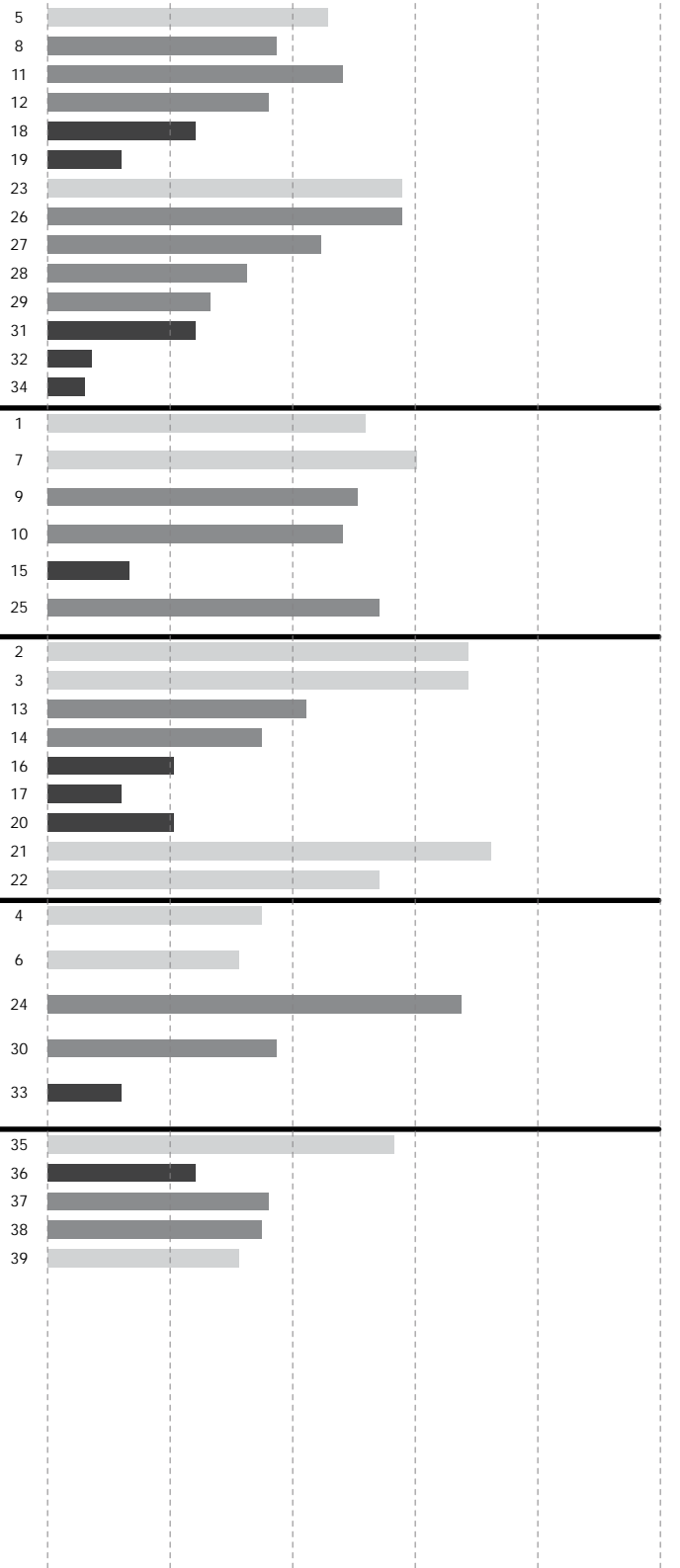
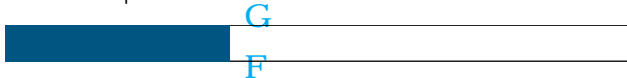
1.8 of 5 questions correct



Manage Order and Relationships of Sentences and Paragraphs

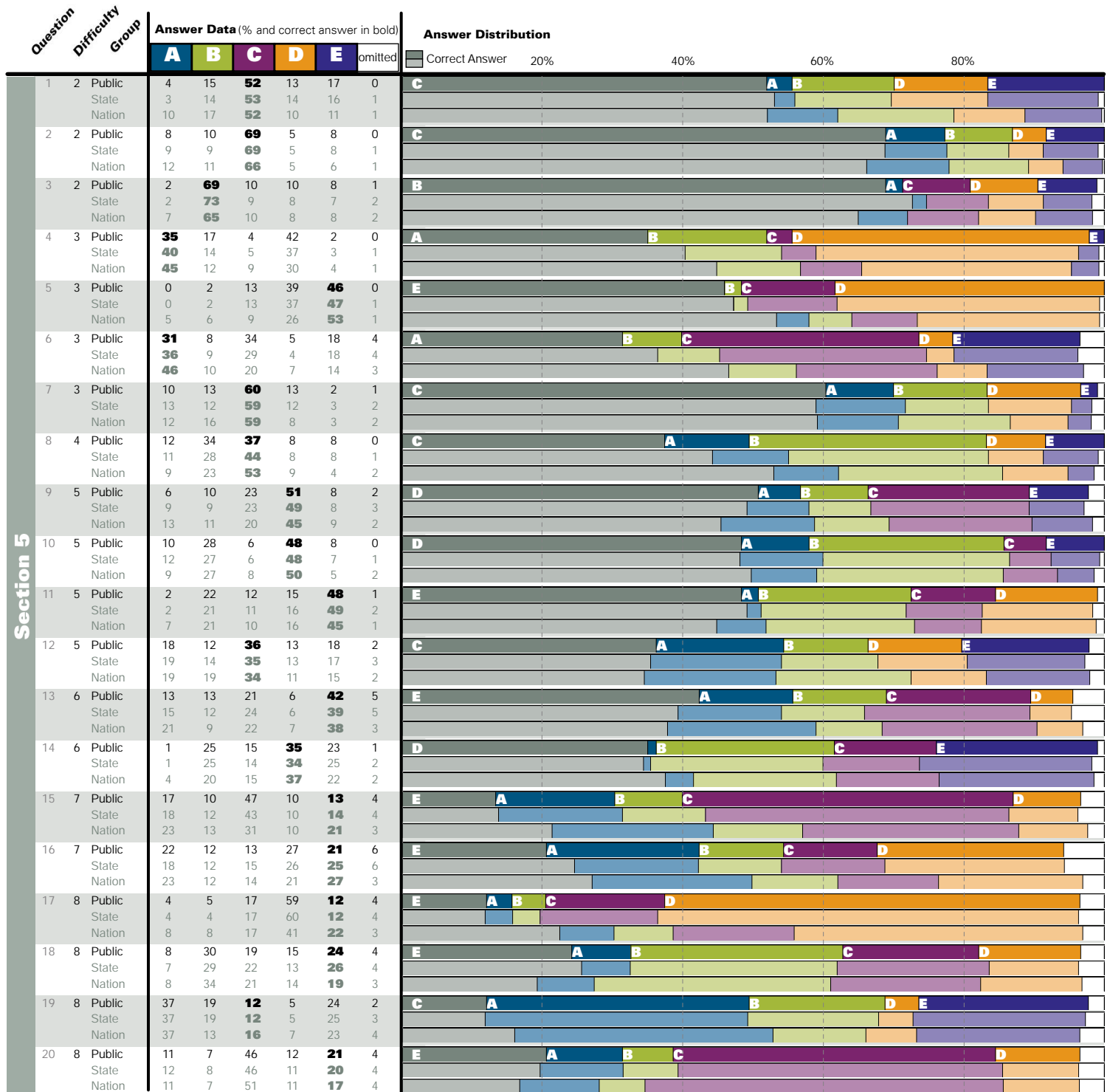
Identify how to order the elements of a sentence or paragraph to improve clarity, meaning, and the progression of ideas.

1.8 of 5 questions correct



Writing Skills Question Analysis

This section shows the distribution of correct and incorrect answers for your students, state and nation.



Writing Skills Question Analysis

Question	Difficulty	Group	Answer Data (% and correct answer in bold)						Answer Distribution				
			A	B	C	D	E	omitted	Correct Answer	20%	40%	60%	80%
Section 5	21	1 Public State Nation	5	5	72	2	15	1	C				A B D E
			5	5	73	3	13	2					
			7	6	63	3	17	4					
	22	2 Public State Nation	54	1	4	0	36	5	A			C E	
			55	2	5	0	33	5					
			58	5	6	4	23	5					
	23	3 Public State Nation	19	58	4	1	15	4	B			A C E	
			19	59	3	2	14	4					
			16	60	4	3	12	5					
	24	4 Public State Nation	12	8	6	2	68	4	E			A B C D	
			13	8	6	3	67	4					
			9	8	7	5	65	7					
	25	4 Public State Nation	7	6	54	5	23	5	C			A B D E	
			7	6	55	6	22	5					
			9	6	48	6	26	5					
	26	4 Public State Nation	6	58	2	4	25	5	B			A C D E	
			7	55	4	3	27	5					
			8	48	5	4	30	6					
	27	4 Public State Nation	7	45	11	0	31	6	B			A C E	
			8	45	10	0	31	6					
			11	49	7	4	23	7					
	28	5 Public State Nation	13	33	6	22	23	4	B			A C D E	
			13	36	6	20	22	4					
			7	39	7	21	19	7					
	29	6 Public State Nation	27	4	6	8	51	5	A			B C D E	
			28	3	6	11	48	5					
			27	6	6	9	44	8					
	30	6 Public State Nation	12	17	19	4	37	11	E			A B C D	
			13	17	20	3	39	9					
			14	14	18	6	38	11					
	31	8 Public State Nation	33	7	5	24	24	7	D			A B C E	
			33	7	6	23	26	6					
			27	7	5	20	31	10					
	32	9 Public State Nation	18	10	7	6	47	12	C			A B D E	
			18	15	8	6	44	10					
			14	16	11	7	41	12					
	33	9 Public State Nation	21	45	8	2	12	12	E			A B C D	
			21	46	8	3	13	10					
			22	36	10	3	18	12					
	34	9 Public State Nation	6	18	10	10	46	11	A			B C D E	
			9	18	10	8	46	10					
			12	17	6	8	45	12					
	35	2 Public State Nation	17	5	2	57	5	15	D			A B C E	
			16	6	4	57	6	12					
			12	9	7	55	4	13					
	36	7 Public State Nation	6	28	10	24	13	19	D			A B C E	
			8	25	12	29	11	16					
			13	21	12	26	12	16					
	37	4 Public State Nation	17	36	16	8	0	23	B			A C D	
			17	42	15	7	0	20					
			15	43	12	7	4	18					
	38	5 Public State Nation	22	13	5	35	4	22	D			A B C E	
			21	13	7	37	4	19					
			18	17	7	35	6	18					
	39	3 Public State Nation	13	8	31	8	7	31	C			A B D E	
			14	8	35	8	9	27					
			10	8	39	11	11	21					

Writing Skills Comparable Group Analysis

What is a comparable group?

A comparable group is a statistically generated group that allows you to identify questions where your students' performance diverges from what might be expected based on their overall performance. It is a sample of students whose overall performance was similar to the performance of your student population. This group is compiled based on performance only, and does not account for attributes like student demographics, geographic region or school size.

How is this information useful?

Focusing on questions where your students' performance is significantly lower than the comparable group performance can reveal opportunities where you might realistically expect to improve student learning. Similarly, when your students' performance is significantly higher than the comparable group performance, you can identify strengths in your curriculum and instruction, and work to ensure that those strengths are recognized and maintained.

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 5	1	2	52	52			}	
	2	2	69	66			}	
	3	2	69	64			}	
	4	3	35	43	}			
	5	3	46	53	}			
	6	3	31	45	}			
	7	3	60	58			}	
	8	4	37	50	}			
	9	5	51	42			}	
	10	5	48	49		}		
	11	5	48	41			}	
	12	5	36	30			}	
	13	6	42	36			}	
	14	6	35	36		}		
	15	7	13	16		}		
	16	7	21	23		}		
	17	8	12	20	}			
	18	8	24	16			}	
	19	8	12	9			}	
	20	8	21	14			}	

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 5	21	1	72	67			}	
	22	2	54	57		}		
	23	3	58	61		}		
	24	4	68	68		}		
	25	4	54	49			}	
	26	4	58	46				}
	27	4	45	46		}		
	28	5	33	35		}		
	29	6	27	21			}	
	30	6	37	36		}		
	31	8	24	18			}	
	32	9	7	7		}		
	33	9	12	13		}		
	34	9	6	8		}		
	35	2	57	53			}	
	36	7	24	22		}		
	37	4	36	41	}			
	38	5	35	32		}		
	39	3	31	37	}			

Your students performed **significantly worse** on questions that fall in the dark blue column to the left,

and **significantly better** on questions that fall in the light blue column to the right.

Appendix Listing of Schools

This report includes data from the schools below, and is based on the school list that was provided by your state.

Note: Only schools that administered Wednesday form of the 2014 PSAT/NMSQT are included. Data for students at these schools who did not take the Wednesday form of the PSAT/NMSQT is not included in this report.

ACADEMY OF INTERNATIONAL STUDIES
ASHLAND HIGH SCHOOL
CLACKAMAS MIDDLE COLLEGE
COLTON HIGH SCHOOL
DALLES HIGH SCHOOL
DAYS CREEK HIGH SCHOOL
EDDYVILLE CHARTER SCHOOL
FRANKLIN HIGH SCHOOL
IRRIGON JUNIOR SENIOR HIGH SCHOOL
JEFFERSON HIGH SCHOOL
LA PINE HIGH SCHOOL
LAKERIDGE HIGH SCHOOL
LAKEVIEW HIGH SCHOOL
MARSHFIELD SENIOR HIGH SCHOOL
MCLOUGHLIN HIGH SCHOOL
NEW URBAN HIGH SCHOOL
NEWBERG SENIOR HIGH SCHOOL
NORTH BEND HIGH SCHOOL
NORTH DOUGLAS HIGH SCHOOL
NYSSA HIGH SCHOOL
OREGON VIRTUAL ACADEMY
PHOENIX HIGH SCHOOL
REDMOND HIGH SCHOOL
REEDSPORT HIGH SCHOOL
REX PUTNAM HIGH SCHOOL
ROBERTS HIGH SCHOOL
ROSEBURG SENIOR HIGH SCHOOL
SAINT HELENS HIGH SCHOOL
SAM BARLOW HIGH SCHOOL
SANDY HIGH SCHOOL
SCAPPOOSE HIGH SCHOOL
SOUTH MEDFORD HIGH SCHOOL
SPRAY HIGH SCHOOL
SWEET HOME HIGH SCHOOL
THURSTON SENIOR HIGH SCHOOL
TOLEDO HIGH SCHOOL
UKIAH HIGH SCHOOL
WEST ALBANY HIGH SCHOOL
WEST SALEM HIGH SCHOOL