

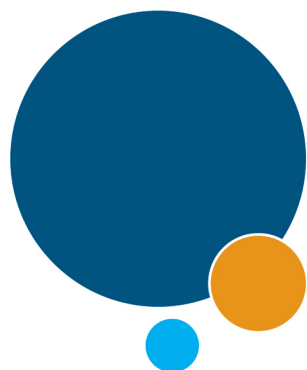
PSAT/NMSQT®

Preliminary SAT/National Merit Scholarship Qualifying Test

2014-15 SOAS

Summary of Answers and Skills Report

Wednesday Form: Eighth-Graders, Class of
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 37 students from the 8th 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:

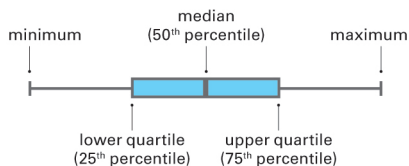
- **Skill Analysis:** A summary of your students' performance on the college readiness skills tested on the PSAT/NMSQT.
- **Question Analysis:** A detailed analysis of your students' responses to each PSAT/NMSQT question.
- **Comparable Group Analysis:** A statistical comparison highlighting anomalies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

37
8th GRADE STUDENTS

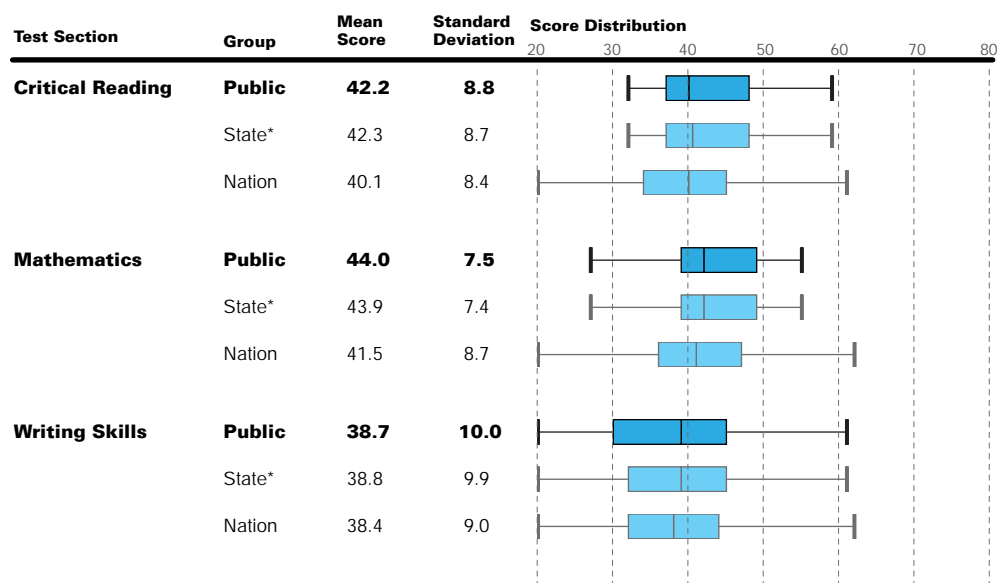
7
SCHOOLS

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)

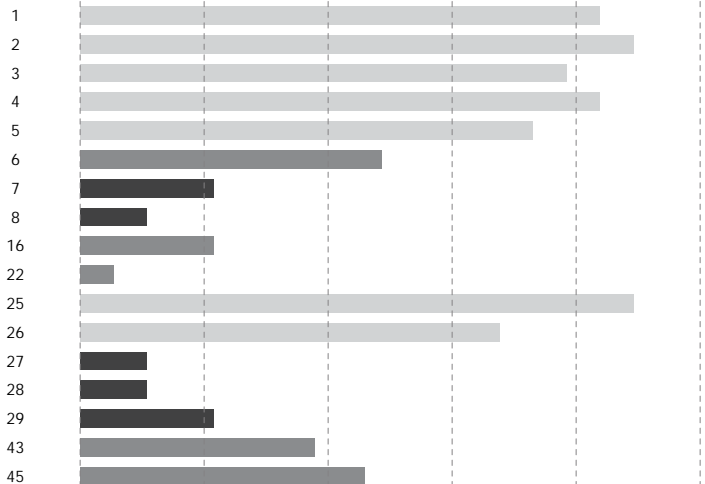
Percent of Students Responding Correctly

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.

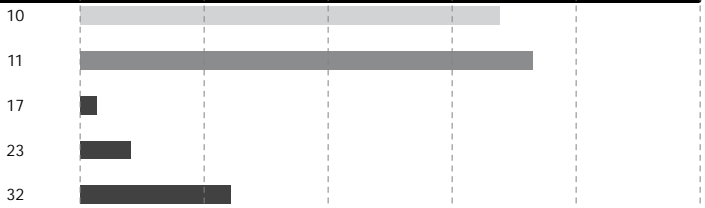
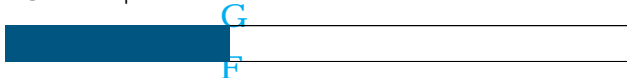
8.0 of 17 questions correct



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.

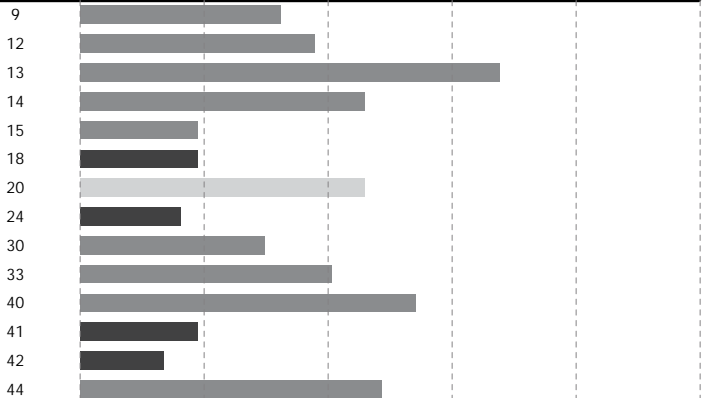
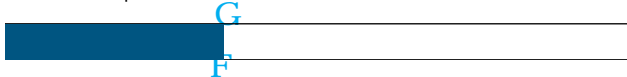
2.0 of 6 questions correct



Organization and Ideas

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

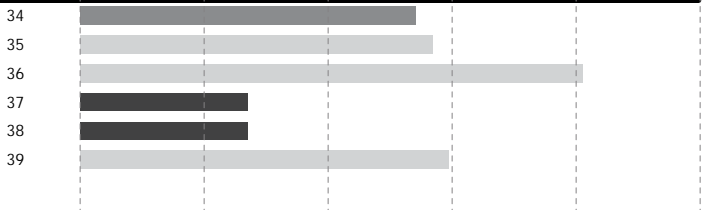
4.9 of 14 questions correct



Understanding Literary Elements

Understand literary elements such as plot, setting and characterization.

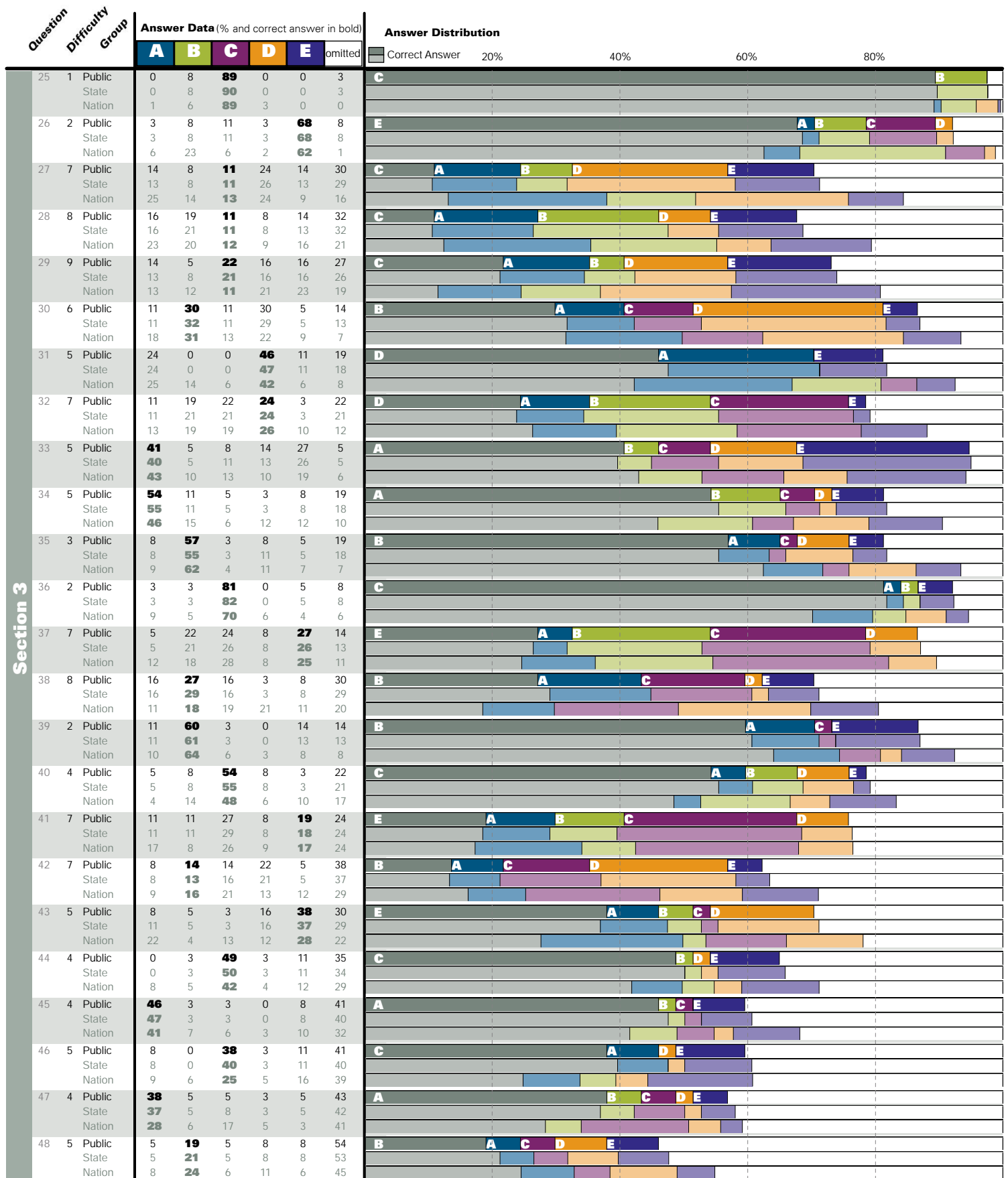
3.1 of 6 questions correct



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



Critical Reading Question Analysis



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	84	79				}	
	2	2	89	82				}	
	3	3	78	77			}		
	4	3	84	79				}	
	5	3	73	78		}			
	6	4	49	50			}		
	7	7	22	20			}		
	8	8	11	9			}		
	9	6	32	37		}			
	10	3	68	75		}			
	11	4	73	59					}
	12	6	38	38			}		
	13	4	68	69			}		
	14	4	46	51		}			
	15	6	19	32	}				
	16	6	22	34	}				
	17	8	3	17	}				
	18	8	19	19			}		
	19	5	35	38		}			
	20	3	46	50		}			
	21	6	24	26			}		
	22	5	5	31	W-26%				
	23	7	8	16		}			
	24	8	16	14			}		

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group					
				-10%	-5%	0%	+5%	+10%	
Section 3	25	1	89	89			}		
	26	2	68	72		}			
	27	7	11	17		}			
	28	8	11	14		}			
	29	9	22	14				}	
	30	6	30	34		}			
	31	5	46	44			}		
	32	7	24	28		}			
	33	5	41	45		}			
	34	5	54	48				}	
	35	3	57	66	}				
	36	2	81	73				}	
	37	7	27	27			}		
	38	8	27	22				}	
	39	2	60	68	}				
	40	4	54	55			}		
	41	7	19	21			}		
	42	7	14	21	}				
	43	5	38	33				}	
	44	4	49	48			}		
	45	4	46	48		}			
	46	5	38	33				}	
	47	4	38	34			}		
	48	5	19	32	}				

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

Difficulty

Public
State
Nation

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).

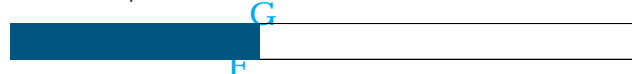
3.6 of 8 questions correct



Algebra and Functions

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

5.6 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.

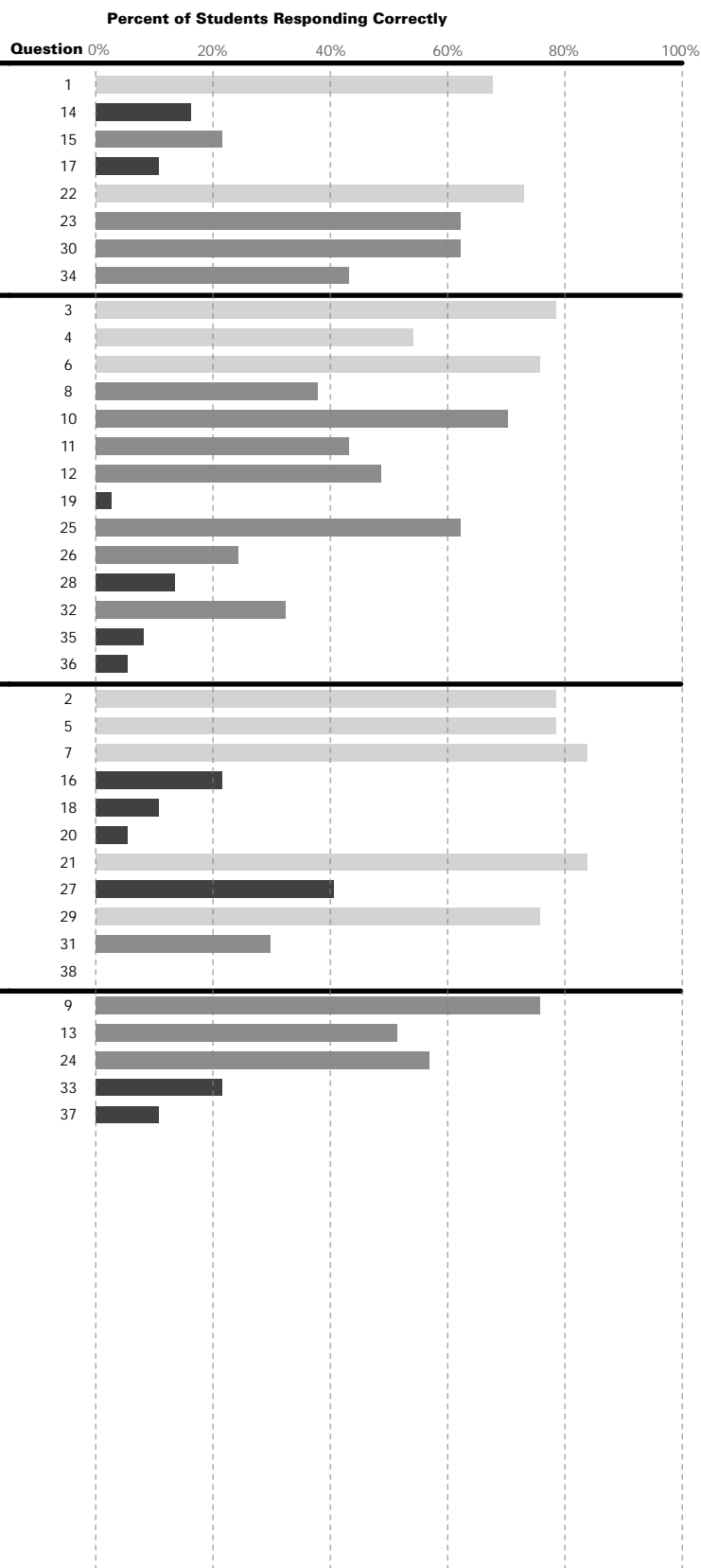
5.1 of 11 questions correct



Data, Statistics, and Probability

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

2.2 of 5 questions correct



Mathematics Skill Analysis

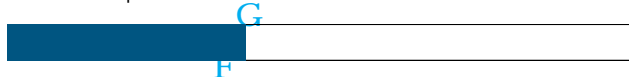
The left column indicates how many questions your students answered correctly. The right column shows your students' performance on each question by skill category.

Group	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.

4.2 of 11 questions correct



Representation

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

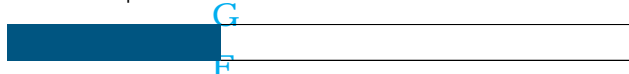
3.4 of 7 questions correct



Reasoning

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

2.4 of 7 questions correct



Connections

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

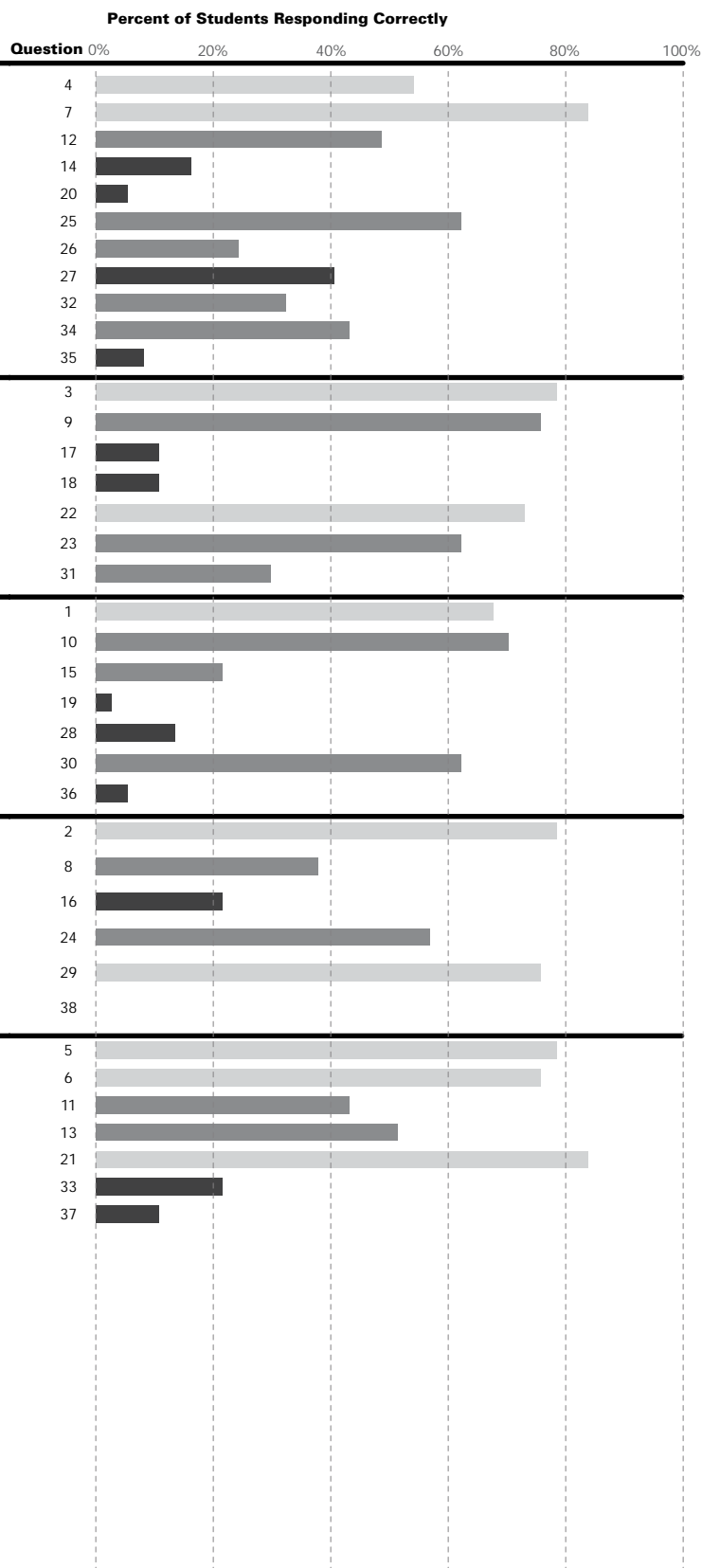
2.7 of 6 questions correct



Communication

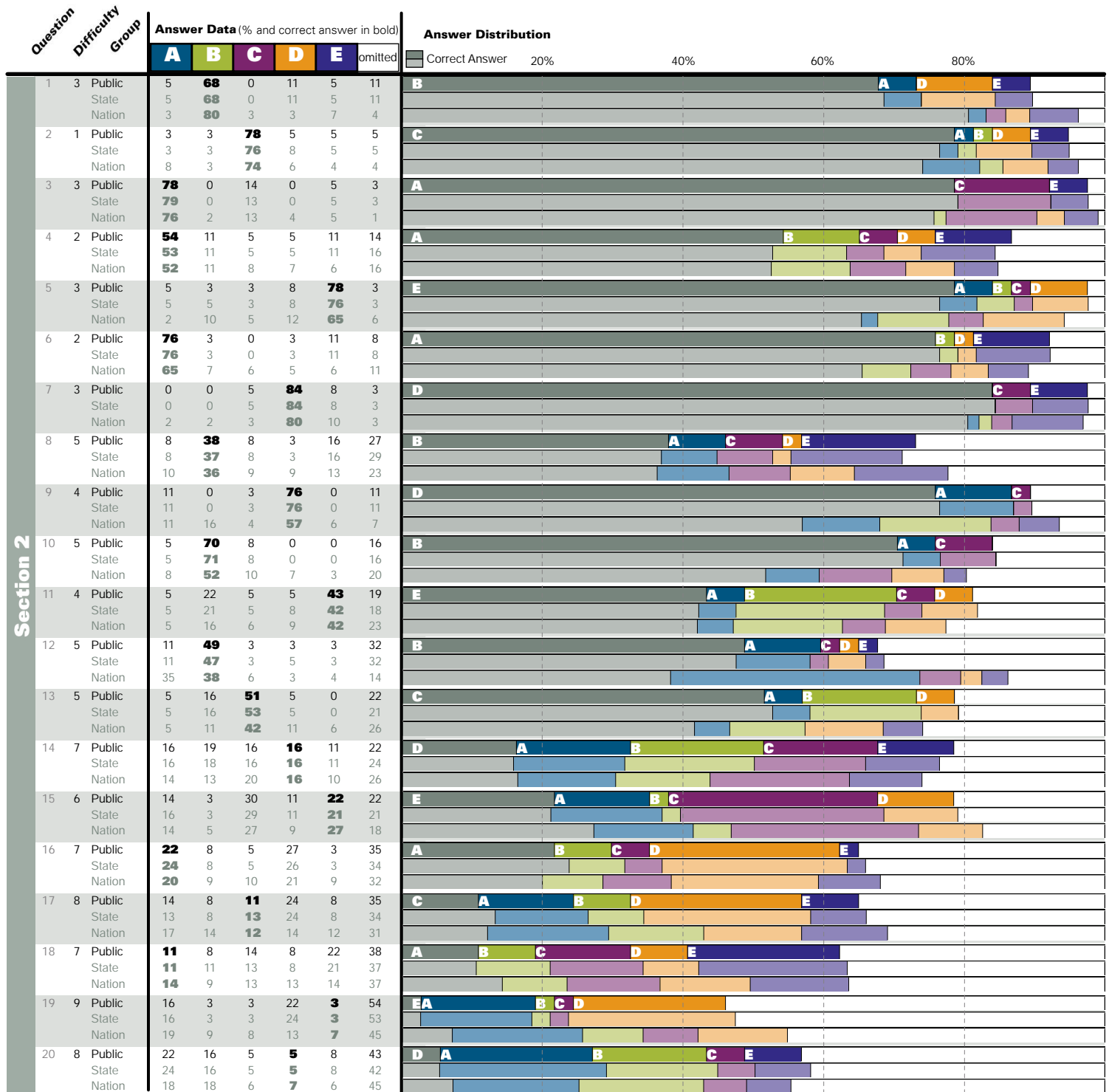
Express mathematical ideas precisely and communicate them coherently and clearly in the language and notation of mathematics.

3.6 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

Section 4	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 4	21	2	Public State Nation	84	0	8	3	3	3	A				C D E
				84	0	8	3	3	3					
				71	8	6	3	8	4					
	22	3	Public State Nation	11	0	0	3	73	14	E			A D	
				11	0	0	3	74	13					
				8	7	6	4	67	7					
	23	4	Public State Nation	11	11	3	62	11	3	D		A B C E		
				11	11	5	61	11	3					
				16	4	5	56	17	2					
	24	5	Public State Nation	3	19	8	57	0	14	D		A B C		
				3	21	8	55	0	13					
				3	16	11	53	4	12					
	25	4	Public State Nation	5	62	5	11	5	11	B		A C D E		
				5	63	5	11	5	11					
				9	53	9	11	9	9					
	26	5	Public State Nation	24	11	16	3	3	43	A		B C D E		
				24	13	16	3	3	42					
				25	11	15	12	6	30					
	27	7	Public State Nation	14	3	41	5	14	24	C		A B D E		
				13	5	40	5	13	24					
				25	8	27	13	15	13					
	28	8	Public State Nation	16	14	11	11	3	46	B	A	C D E		
				18	13	11	11	3	45					
				17	20	14	10	5	35					

Section 4 — Student Produced Response	Question	Difficulty	Group	Answer Data						Answer Distribution				
				Correct Answer	%	Most Frequent Incorrect Answer	%	Other	omitted	Correct	20%	40%	60%	80%
Section 4 — Student Produced Response	29	3	School State Nation	150	76	80	5	11	8					
					76	120	5	11	8					
					54	60	9	27	11					
	30	4	School State Nation	216	62	480	5	24	8					
					63	480	5	24	8					
					52	72	7	33	9					
	31	5	School State Nation	6	30	3	11	16	43					
					29	3	11	16	45					
					30	3	15	20	35					
	32	5	School State Nation	3/2 or 1.5	32	24	24	24	19					
					34	24	24	24	18					
					28	24	16	33	23					
	33	7	School State Nation	26.0 < x < 29.5	22	23.2	8	32	38					
					21	23.2	8	34	37					
					11	23.2	6	39	44					
	34	6	School State Nation	10	43	11	8	19	30					
					42	11	8	18	32					
					38	3/7	10	23	29					
	35	7	School State Nation	2.50	8	6.50	11	35	46					
					8	6.50	11	37	45					
					12	19.5	5	35	49					
	36	7	School State Nation	1001	5	1000	5	19	70					
					5	1000	5	18	71					
					6	1000	3	24	68					
	37	8	School State Nation	13.5 or 27/2	11	13	51	11	27					
					11	13	53	11	26					
					7	13	35	26	33					
	38	9	School State Nation	36	0	2	24	19	57					
					0	2	26	18	55					
					3	2	17	23	57					

Mathematics 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?

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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	68	78	}			
	2	1	78	84	}			
	3	3	78	80		}		
	4	2	54	72	W-18%			
	5	3	78	71			}	
	6	2	76	75		}		
	7	3	84	78			}	
	8	5	38	45	}			
	9	4	76	59				+17% X
	10	5	70	51				+19% X
	11	4	43	63	W-20%			
	12	5	49	42			}	
	13	5	51	47			}	
	14	7	16	20	}			
	15	6	22	31	}			
	16	7	22	25	}			
	17	8	11	14	}			
	18	7	11	16	}			
	19	9	3	8	}			
	20	8	5	12	}			

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group				
				-10%	-5%	0%	+5%	+10%
Section 4	21	2	84	81			}	
	22	3	73	67			}	
	23	4	62	58			}	
	24	5	57	52			}	
	25	4	62	59			}	
	26	5	24	40	W-16%			
	27	7	41	32			}	
	28	8	14	23	}			
	29	3	76	68			}	
	30	4	62	59			}	
	31	5	30	52	W-22%			
	32	5	32	34		}		
	33	7	22	10			}	
	34	6	43	42		}		
	35	7	8	17	}			
	36	7	5	9	}			
	37	8	11	7		}		
	38	9	0	4	}			

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

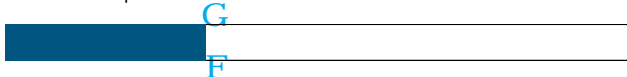
Difficulty

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

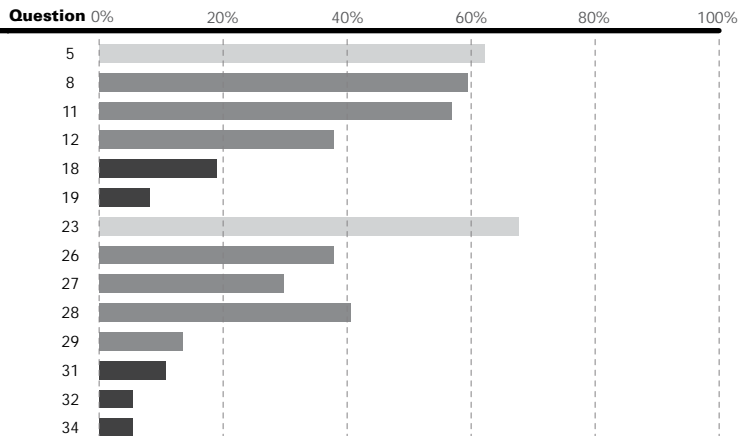
Manage Word Choice and Grammatical Relationships Between Words

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

4.5 of 14 questions correct



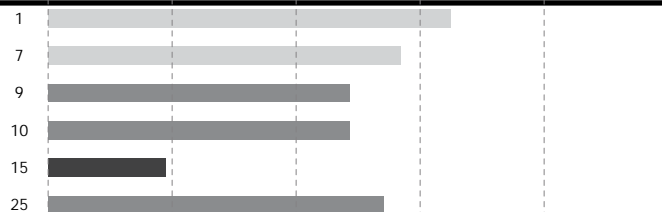
Percent of Students Responding Correctly



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.

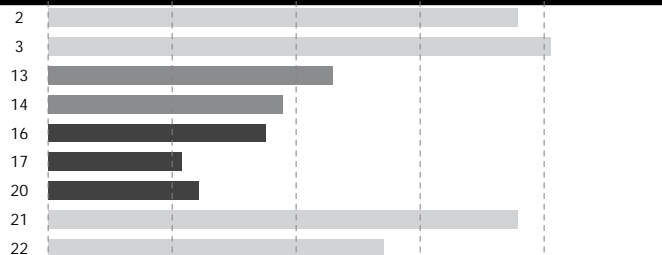
2.9 of 6 questions correct



Manage Phrases and Clauses in a sentence

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

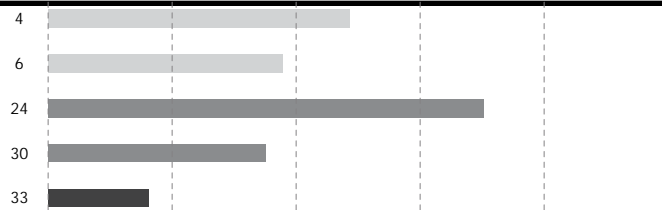
4.5 of 9 questions correct



Recognize Correctly Formed Sentences

Recognize correct sentence structure.

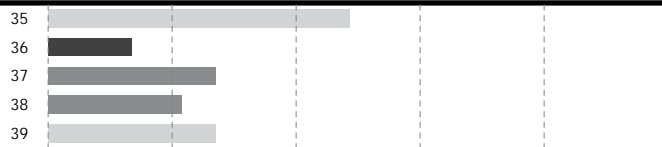
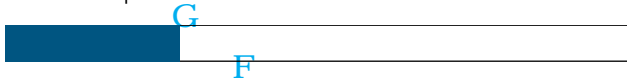
2.1 of 5 questions correct



Manage Order and Relationships of Sentences and Paragraphs

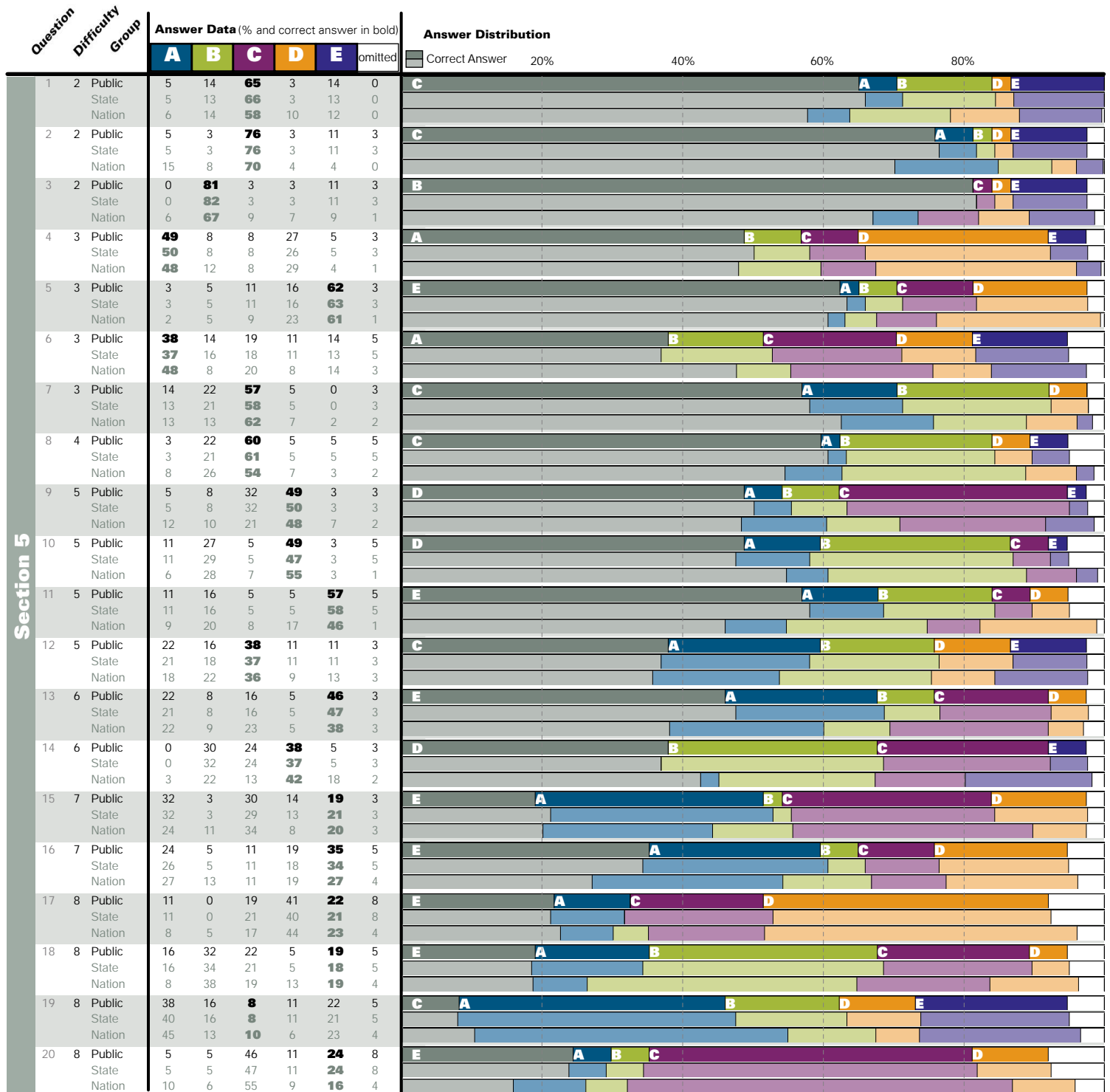
Identify how to order the elements of a sentence or paragraph to improve clarity, meaning, and the progression of ideas.

1.4 of 5 questions correct

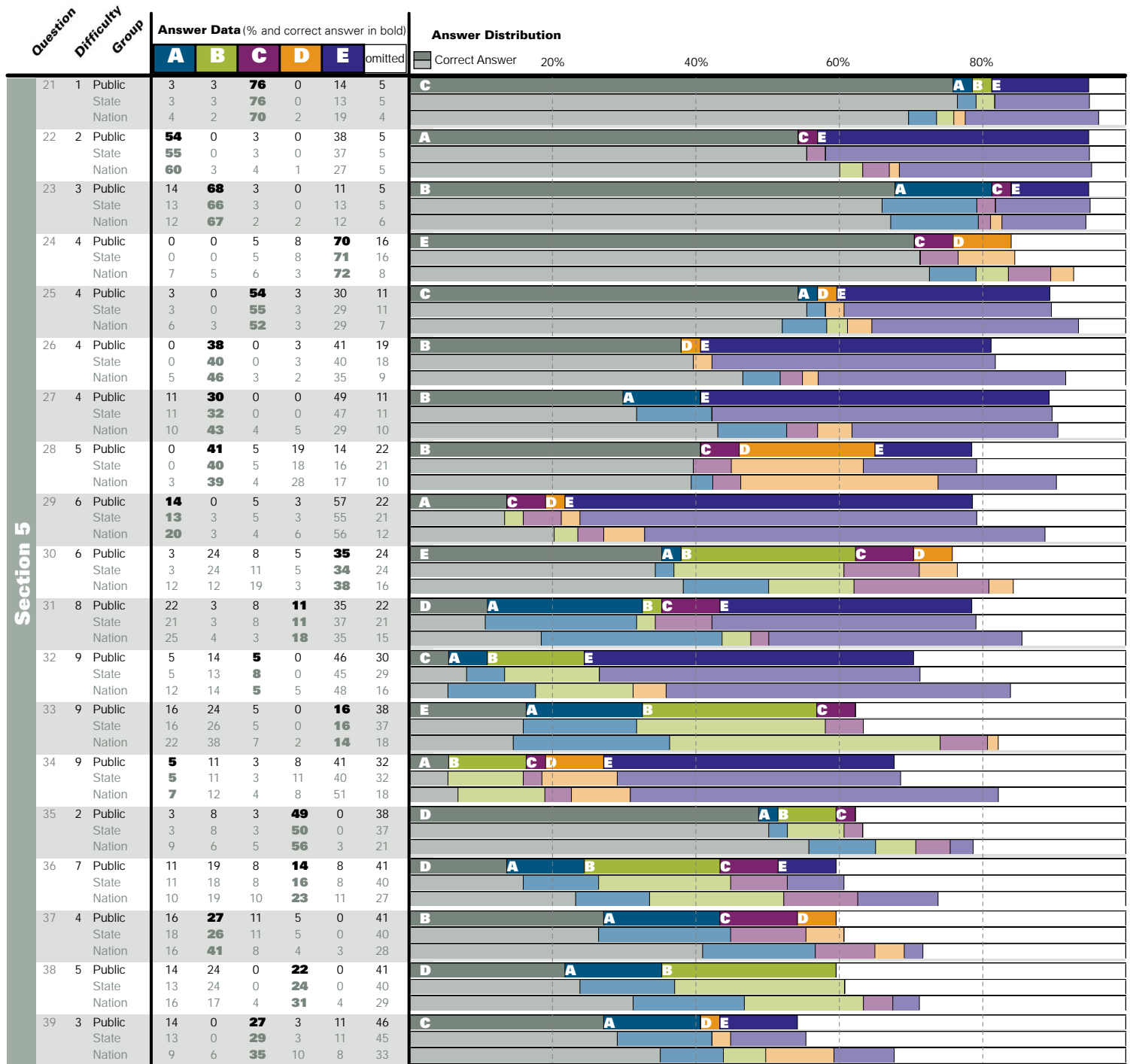


Writing Skills Question Analysis

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



Writing Skills Question Analysis



Writing Skills Comparable Group Analysis

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Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group						
				-10%	-5%	0%	+5%	+10%		
Section 5	1	2	65	56					}	
	2	2	76	69					}	
	3	2	81	67						}
	4	3	49	47			}			
	5	3	62	56				}		
	6	3	38	49	}					
	7	3	57	61		}				
	8	4	60	54				}		
	9	5	49	45			}			
	10	5	49	51		}				
	11	5	57	45					}	
	12	5	38	33				}		
	13	6	46	38				}		
	14	6	38	38			}			
	15	7	19	20			}			
	16	7	35	26					}	
	17	8	22	22			}			
	18	8	19	19			}			
	19	8	8	13		}				
	20	8	24	16					}	

Question	Difficulty	School (% correct)	Comp Group (% correct)	Difference between School and Comparable Group					
				-10%	-5%	0%	+5%	+10%	
Section 5	21	1	76	70				}	
	22	2	54	61		}			
	23	3	68	62				}	
	24	4	70	69			}		
	25	4	54	52			}		
	26	4	38	49	}				
	27	4	30	48	W-18%				
	28	5	41	39			}		
	29	6	14	25	}				
	30	6	35	39		}			
	31	8	11	20	}				
	32	9	5	9		}			
	33	9	16	14			}		
	34	9	5	9		}			
	35	2	49	55		}			
	36	7	14	25	}				
	37	4	27	43	W-16%				
	38	5	22	34	}				
	39	3	27	40	}				

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 FOR CHARACTER EDUCATION
DAVID DOUGLAS HIGH SCHOOL
HEPPNER HIGH SCHOOL
MCMINNVILLE SENIOR HIGH SCHOOL
REDMOND PROFICIENCY ACADEMY
SAND RIDGE CHARTER SCHOOL
WEST SALEM HIGH SCHOOL