



Praxis Core Academic Skills (5752) Exam

These slides overview information for each domain within the Praxis Core Academic Skills (5752) Exam. This test measures whether or not a prospective teacher has the mathematics, reading and writing skills needed to become a successful teacher. This computer-delivered test consists of three subtests that can be taken together or separately. This test is required for admission to many teacher education programs



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Who is this test for?

- College students applying to teacher preparation programs
 - Career-changers pursuing teaching certification
 - Adults who need to demonstrate basic academic competency for teaching careers
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Purpose of exam

- 
- Tests your own basic academic skills (reading, writing, math)
 - Required regardless of what grade level you want to teach
 - A general prerequisite exam taken before or early in teacher preparation programs
 - Whether you want to teach kindergarten, high school, or anything in between – same test
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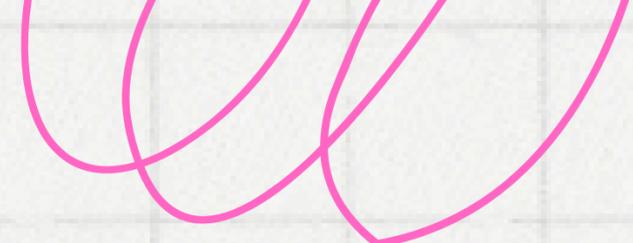
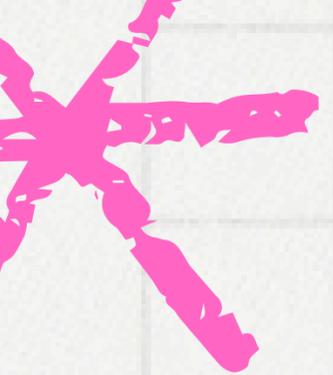




Skill Level Tested

- Reading: High school level reading comprehension and analysis
- Writing: College-level grammar, writing mechanics, and essay composition
- Mathematics: Middle school through early high school math (approximately grades 7-10)





Praxis Core Academic Skills (5752) Exam Overview

Exam Overview

Overview: 4 hours & 35 minutes, 152 MC & 2 essays

Reading: 85 minutes, 56 MC questions

Writing: 100 minutes, 40 MC & 2 essay questions

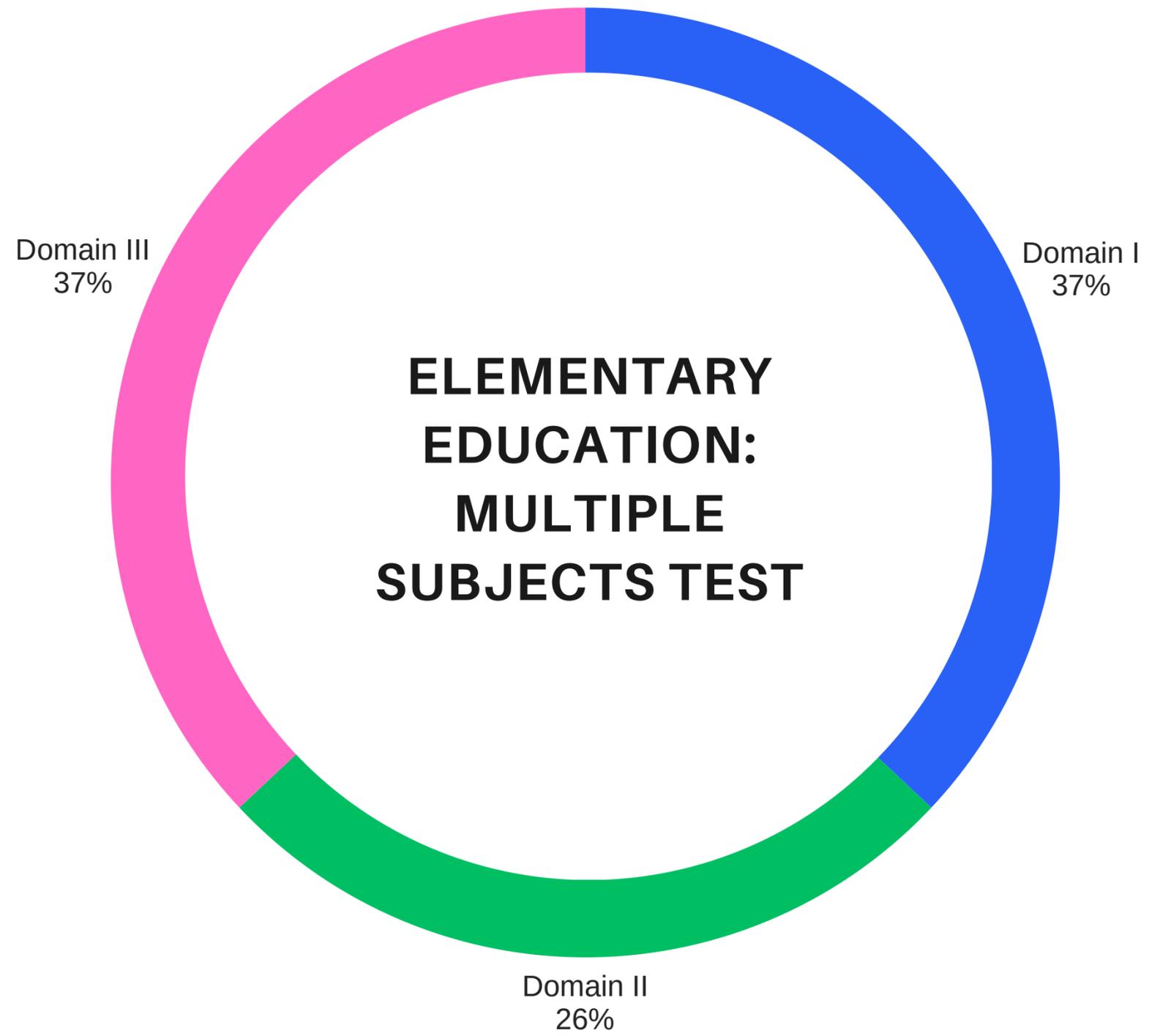
Math: 90 minutes, 56 MC questions



I Reading

II Writing

III Math



Domain I



Reading Subtest



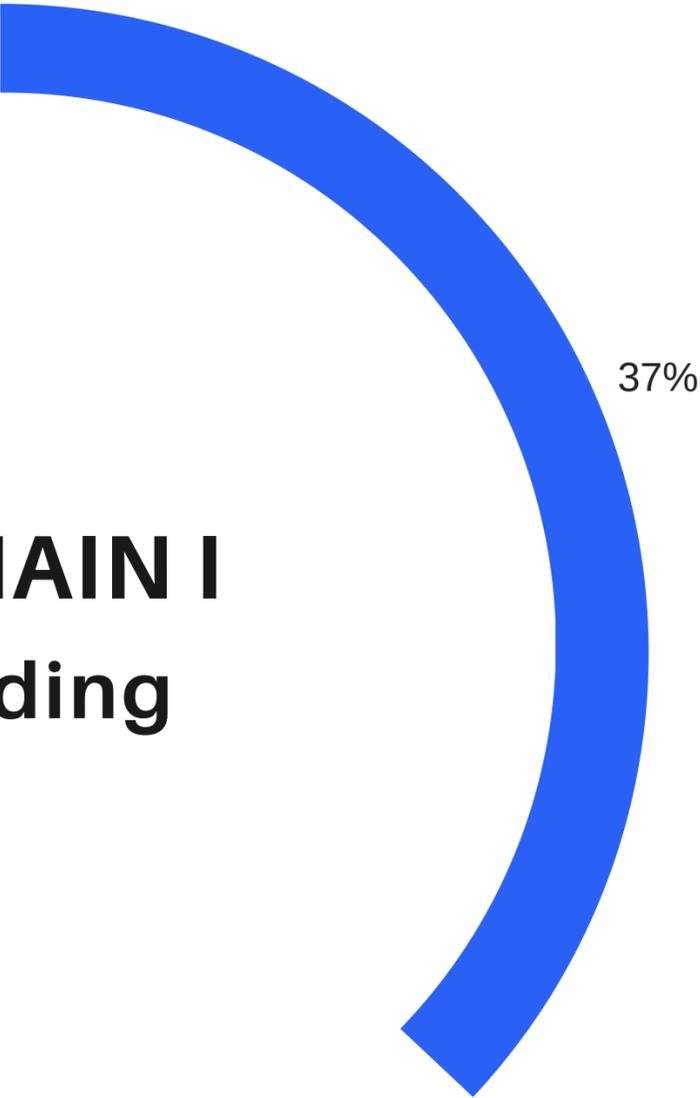
Domain I Content Areas

KEY IDEAS & DETAILS

CRAFT, STRUCTURE, & LANGUAGE SKILLS

INTEGRATION OF KNOWLEDGE & IDEAS

DOMAIN I
Reading



Key Ideas & Details

- Identifying main ideas and themes
- Understanding supporting details and evidence
- Making inferences and drawing conclusions
- Identifying author's purpose and point of view

Reading

Craft, Structure, & Language Skills

- Analyzing text structure and organization
- Understanding word meanings in context
- Recognizing rhetorical devices and techniques
- Analyzing tone and style

Integration of Knowledge & Ideas

- Evaluating arguments and claims
- Comparing and contrasting texts
- Synthesizing information from multiple sources
- Distinguishing fact from opinion

Sample Question 1

Use the passage to answer question 1 and 2:

"While many believe that technological advances have simplified modern life, research suggests otherwise. A recent study found that the average person spends three hours daily managing digital communications alone. This increase in connectivity has paradoxically led to feelings of isolation and stress."

Sample Question 1

What is the main idea of this passage?

- A. Technology has made life easier for everyone
- B. People spend too much time on digital communications
- C. Despite popular belief, technology may complicate rather than simplify life
- D. Modern life causes isolation and stress

Sample Question 1

Answer: C

The passage challenges the assumption that technology simplifies life, using evidence about time spent on communications and resulting stress.

Sample Question 2

Using the previous passage, answer the following question:

In the sentence 'The politician's equivocal response left voters frustrated,' the word 'equivocal' most nearly means:

- A. Honest and direct
- B. Ambiguous and unclear
- C. Loud and forceful
- D. Brief and concise

Sample Question 2

Answer: B

'Equivocal' means ambiguous or open to multiple interpretations. The context clue 'left voters frustrated' suggests unclear communication.

Sample Question 3

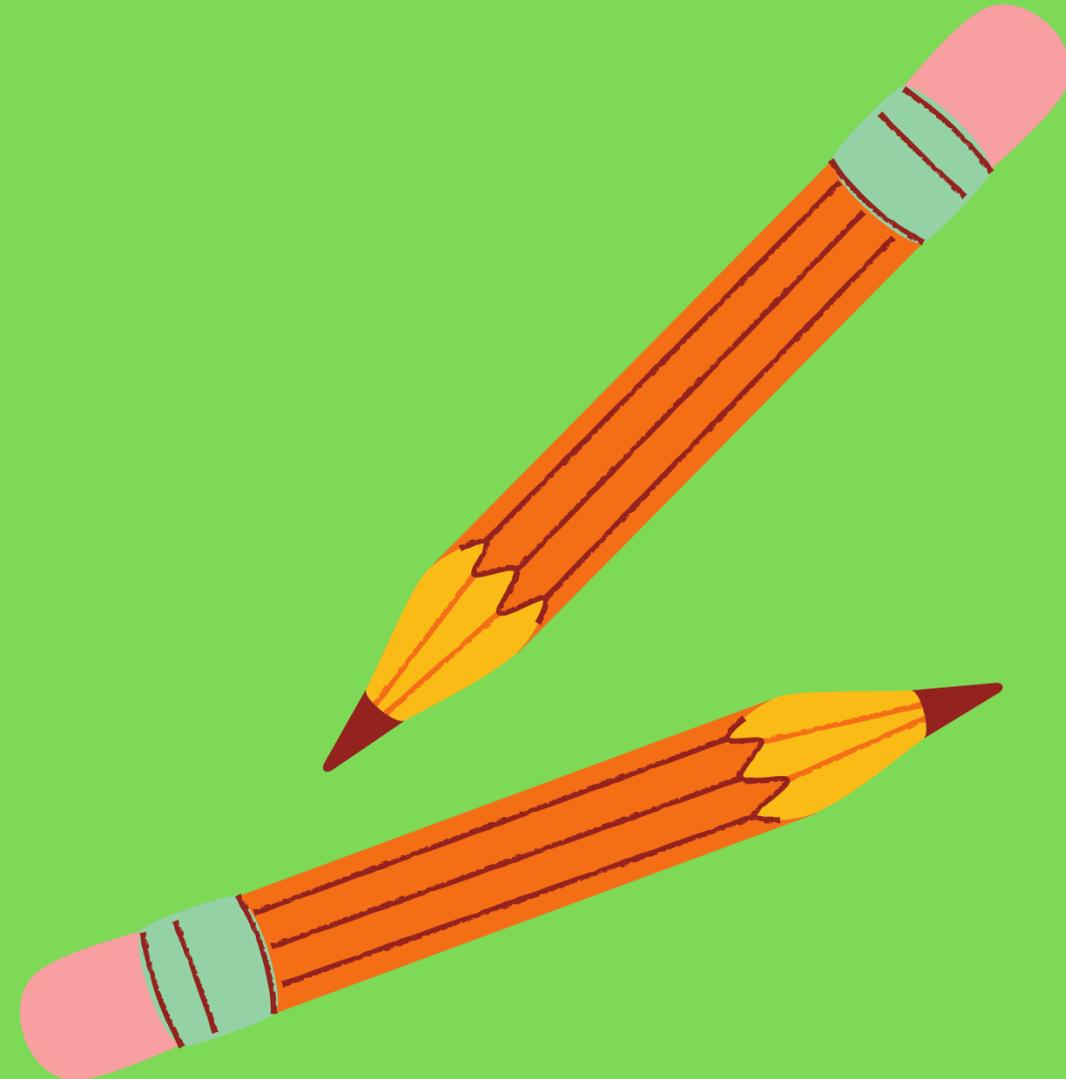
An author writes: 'Some argue that school uniforms promote equality, but critics contend they stifle individual expression.' This statement is best described as:

- A. A statement of fact
- B. An unsupported opinion
- C. A presentation of contrasting viewpoints
- D. A personal anecdote

Sample Question 3

Answer: C

The author presents two opposing perspectives without taking a clear position, showing balance by presenting contrasting viewpoints.



Writing Subtest



Domain II Content Areas

TEXT TYPES & PURPOSES

LANGUAGE & RESEARCH SKILLS FOR WRITING

ARGUMENTATIVE ESSAY

SOURCE-BASED ESSAY

DOMAIN II Writing



Domain II
26%

Text Types & Purposes

- Organizing ideas logically
- Developing topic sentences and thesis statements
- Using transitions effectively
- Supporting claims with evidence

Language & Research Skills for Writing

- Grammar and usage
- Sentence structure
- Mechanics (punctuation, capitalization, spelling)
- Research and citation skills

Argumentative Essay

- Take a position on an issue
- Support with reasons and examples
- Address counterarguments

Argumentative Essay Tips

Time Breakdown:

- 5 min: Plan (choose position, list 3 reasons, think of 1 counterargument)
- 20 min: Write (intro with thesis, 3 body paragraphs, conclusion)
- 5 min: Proofread
-

Structure Formula:

- Intro: Hook + background + clear thesis stating your position
- Body 1-2: Your strongest arguments with specific examples
- Body 3: Address counterargument and refute it ("While some argue X, this fails to consider Y...")
- Conclusion: Restate thesis differently + broader implications

Source-Based Essay

- Analyze and synthesize information from two sources
- Cite sources appropriately
- Develop a coherent argument

Source-Based Essay Tips

Critical Strategy:

- Read BOTH sources with highlighter/notes before you start writing
- Find 1-2 quotes from EACH source to cite (shows you engaged with material)
- Your thesis should synthesize both sources, not just summarize them
- Citation format: "According to Source 1, '...' " or "As stated in the passage, '...' "
-

Don't:

- Just summarize the sources - analyze and connect them
- Ignore one source completely
- Copy long passages - use brief quotes only

Sample Question 1

Which sentence contains an error in subject-verb agreement?

- A. Neither of the solutions seem feasible at this time.
- B. Either the students or the teacher are responsible for cleaning up.
- C. The team practices every afternoon after school.
- D. The committee has reached a decision on the matter.

Sample Question 1

Answer: A

'Neither' is singular and requires 'seems' not 'seem.' The verb must agree with the singular subject.

Sample Question 2

Which transition word best connects these sentences? 'The study found significant benefits. _____, researchers cautioned against drawing premature conclusions.'

- A. Therefore
- B. Similarly
- C. However
- D. Furthermore

Sample Question 2

Answer: C

'However' shows contrast between the positive findings and the cautionary note. The two ideas oppose each other.

Sample Question 3

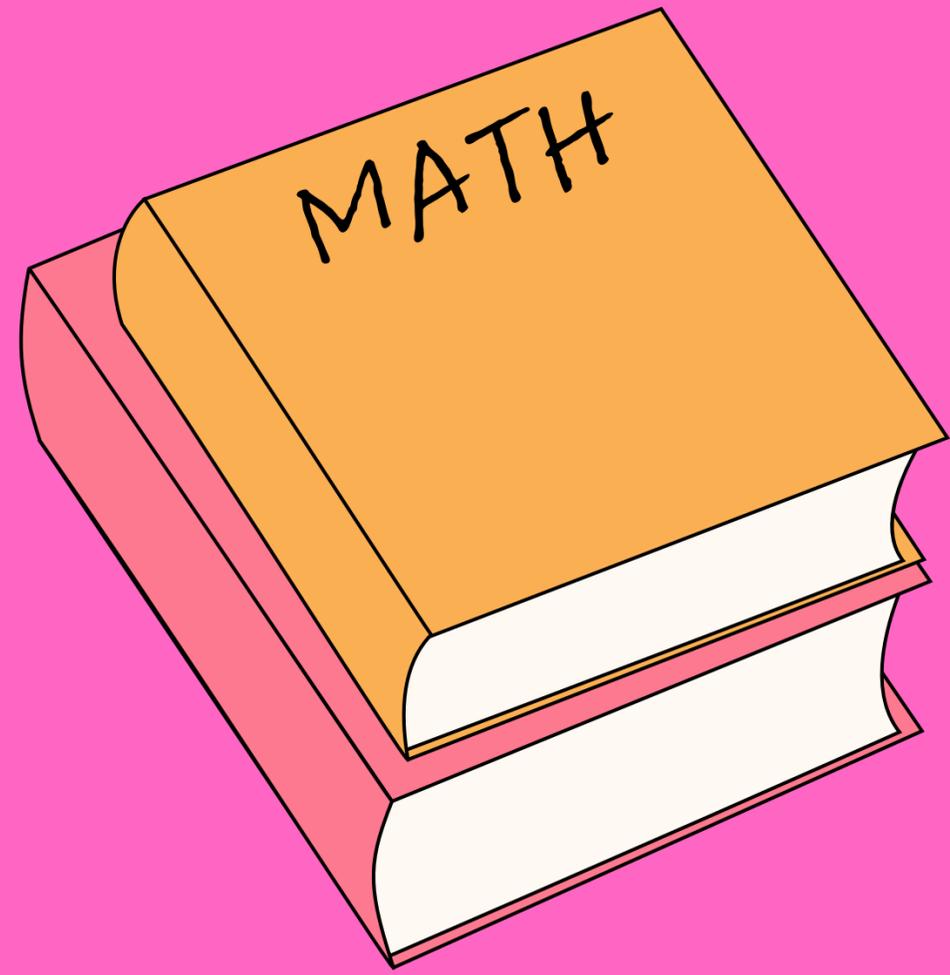
Which sentence is punctuated correctly?

- A. After reviewing the data the scientists reached a consensus.
- B. The conference, which was held in *May*, attracted scholars from around the world.
- C. Students must bring the following items: pencils paper and a calculator.
- D. The proposal was rejected, because it lacked sufficient detail.

Sample Question 3

Answer: B

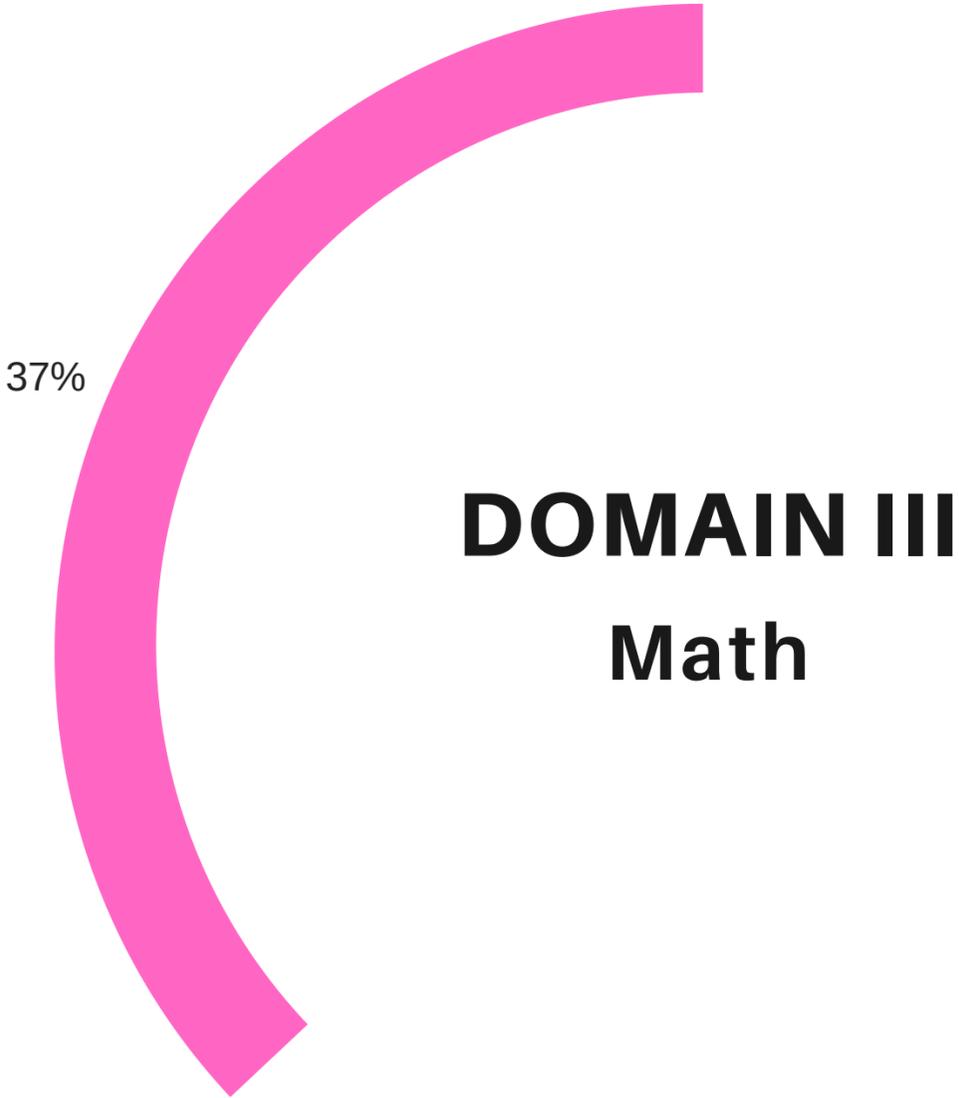
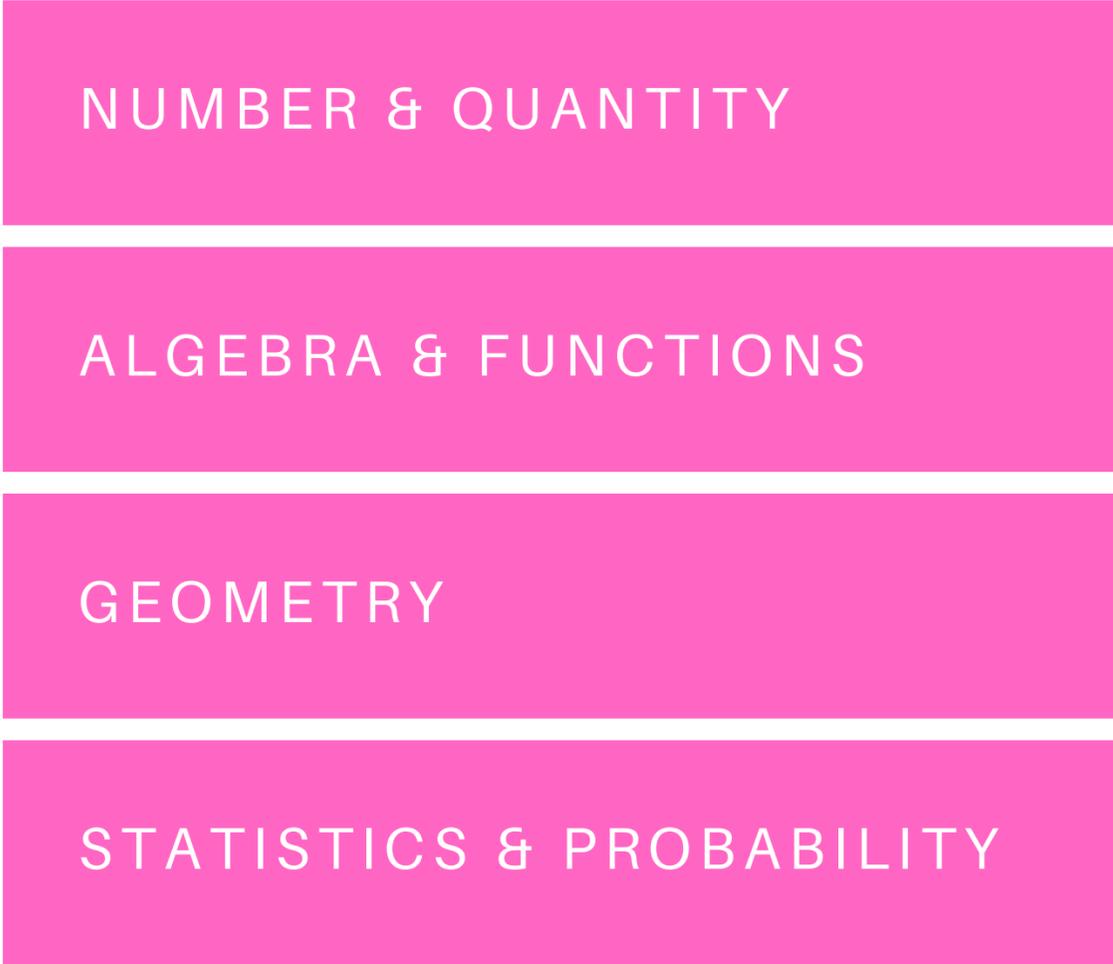
The non-restrictive clause 'which was held in *May*' is correctly set off with commas. A needs a comma after 'data,' C needs commas between items in a series, and D should not have a comma before 'because.'



Math Subtest



Domain III Content Areas



Number & Quantity

- Order and compare real numbers
- Operations with integers, fractions, and decimals
- Ratios, proportions, and percents
- Exponents and roots
- Number properties and estimation

Algebra & Functions

- Algebraic expressions and equations
- Linear equations and inequalities
- Quadratic equations
- Functions and their graphs
- Systems of equations

Geometry

- Properties of geometric shapes
- Perimeter, area, and volume
- Pythagorean theorem
- Coordinate geometry
- Geometric transformations

Statistics & Probability

- Measures of central tendency and spread
- Data interpretation and representation
- Basic probability concepts
- Analyzing graphs and charts

Sample Question 1

A number is increased by 40% and then decreased by 25%. The result is what percent of the original number?

- A. 95%
- B. 105%
- C. 110%
- D. 115%

Sample Question 1

Answer: B

Let original = 100. After 40% increase: 140. After 25% decrease: $140 \times 0.75 = 105$. Result is 105% of original.

Sample Question 2

If the probability of rain on any given day is 0.3, what is the probability that it will NOT rain on two consecutive days?

- A. 0.09
- B. 0.21
- C. 0.49
- D. 0.70

Sample Question 2

Answer: C

$P(\text{no rain}) = 0.7$. $P(\text{no rain for 2 days}) = 0.7 \times 0.7 = 0.49$

Sample Question 3

If $f(x) = 2x^2 - 3x + 1$, what is $f(-2)$?

A. 15

B. 11

C. 7

D. 3

Sample Question 3

Answer: A

$$\text{Answer: A } f(-2) = 2(-2)^2 - 3(-2) + 1 = 2(4) + 6 + 1 = 8 + 6 + 1 = 15$$

Scoring & Study Tips

Scoring

Each test is scored on a scale of 100–200. The passing score varies by state, but typically ranges from 150–162 for each test. Check with your state's Department of Education for specific requirements.

Testing Tips

Reading

- Skim the questions FIRST to know what to look for (saves time on long passages)
- Note whether questions ask about main idea, details, inference, or vocabulary

Testing Tips

Vocabulary

- Don't just use the dictionary definition – the answer must fit the sentence
- Substitute each answer choice back into the sentence to test which sounds right
- Beware of words with multiple meanings (like "fine" or "set")

Testing Tips

Grammar

- Check subjects and verbs FIRST - are they both there?
Do they agree?
- Look for pronoun-antecedent agreement (Does "they" have a clear plural noun?)
- Watch for misplaced modifiers: "Walking down the street, the trees were beautiful" - who's walking?

Testing Tips

Time management

- Spend no more than 90 seconds per question (56 questions in 85 minutes = ~1.5 min each)
- Skip and return to questions that require re-reading entire passages

Testing Tips

Number Sense Checks

- Multiplying decimals less than 1 makes the number **SMALLER** ($0.5 \times 0.4 = 0.2$)
- Dividing by a fraction **INCREASES** the number ($6 \div 1/2 = 12$)
- Percentages over 100% mean the result is larger than the original

Testing Tips

Algebra

- For "solving for x " questions, work backwards from answer choices when stuck
- Systems of equations: Substitution is often faster than elimination on multiple choice
- When you see "in terms of," isolate that variable

Testing Tips

Geometry

- Draw and label diagrams even if one is provided
- For area of complex shapes, break into rectangles/triangles
- Pythagorean theorem triples to memorize: 3-4-5, 5-12-13, 8-15-17 (and their multiples)

Testing Tips

Probability

- "AND" means multiply probabilities: $P(A \text{ and } B) = P(A) \times P(B)$
- "OR" means add probabilities: $P(A \text{ or } B) = P(A) + P(B) - P(\text{both})$
- Probabilities must be between 0 and 1

Study Resources

- Official ETS Praxis Study Companion (free download)
- ETS Practice Tests (available for purchase)
- Khan Academy for math skill review
- Purdue Owl for writing and grammar review
- State Department of Education website for passing score requirement

Thank You

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