

JUNE 2017 REGENTS GEOMETRY

JUNE 2017 REGENTS GEOMETRY WAS A SIGNIFICANT EXAM THAT TESTED STUDENTS' UNDERSTANDING OF KEY GEOMETRIC CONCEPTS ALIGNED WITH THE NEW YORK STATE CURRICULUM. THIS PARTICULAR REGENTS EXAM ASSESSED A WIDE RANGE OF TOPICS INCLUDING CONGRUENCE, SIMILARITY, THE PYTHAGOREAN THEOREM, COORDINATE GEOMETRY, AND CIRCLE THEOREMS. THE EXAM FORMAT COMBINED MULTIPLE-CHOICE QUESTIONS WITH CONSTRUCTED RESPONSE PROBLEMS, REQUIRING STUDENTS TO DEMONSTRATE BOTH PROCEDURAL SKILLS AND CONCEPTUAL UNDERSTANDING. MANY EDUCATORS AND STUDENTS HAVE ANALYZED THIS EXAM TO IDENTIFY COMMON CHALLENGES AND TO PREPARE FOR FUTURE ASSESSMENTS. THIS ARTICLE PROVIDES A DETAILED OVERVIEW OF THE JUNE 2017 REGENTS GEOMETRY EXAM, INCLUDING ITS STRUCTURE, CORE TOPICS, SAMPLE QUESTION TYPES, AND EFFECTIVE PREPARATION STRATEGIES. THE FOLLOWING SECTIONS WILL GUIDE READERS THROUGH THE ESSENTIAL COMPONENTS OF THE EXAM AND OFFER INSIGHTS INTO MASTERING THE CONTENT.

- OVERVIEW OF THE JUNE 2017 REGENTS GEOMETRY EXAM
- KEY MATHEMATICAL CONCEPTS TESTED
- EXAM FORMAT AND QUESTION TYPES
- SAMPLE PROBLEMS AND SOLUTIONS
- STRATEGIES FOR SUCCESS ON REGENTS GEOMETRY EXAMS

OVERVIEW OF THE JUNE 2017 REGENTS GEOMETRY EXAM

THE JUNE 2017 REGENTS GEOMETRY EXAM WAS DESIGNED TO EVALUATE STUDENTS' MASTERY OF HIGH SCHOOL GEOMETRY TOPICS IN ACCORDANCE WITH THE NEW YORK STATE LEARNING STANDARDS. THE EXAM COVERED A COMPREHENSIVE RANGE OF GEOMETRIC PRINCIPLES AND REQUIRED STUDENTS TO APPLY CRITICAL THINKING SKILLS. ADMINISTERED OVER A THREE-HOUR PERIOD, THE EXAM COMBINED MULTIPLE-CHOICE QUESTIONS WITH SHORT AND EXTENDED CONSTRUCTED RESPONSE ITEMS. THE SCORING RUBRIC EMPHASIZED ACCURACY, CLARITY OF REASONING, AND PROPER USE OF GEOMETRIC NOTATION AND TERMINOLOGY. THIS EXAM PLAYED A CRUCIAL ROLE IN ASSESSING READINESS FOR ADVANCED MATHEMATICS COURSES AND WAS INTEGRAL TO MEETING GRADUATION REQUIREMENTS.

PURPOSE AND IMPORTANCE

THE PRIMARY PURPOSE OF THE JUNE 2017 REGENTS GEOMETRY EXAM WAS TO ENSURE THAT STUDENTS HAD ACHIEVED PROFICIENCY IN ESSENTIAL GEOMETRIC CONCEPTS NECESSARY FOR COLLEGE AND CAREER READINESS. PASSING THE EXAM DEMONSTRATED COMPETENCY IN LOGICAL REASONING, SPATIAL VISUALIZATION, AND QUANTITATIVE PROBLEM SOLVING. SCHOOLS USED THE EXAM RESULTS TO IDENTIFY AREAS NEEDING INSTRUCTIONAL IMPROVEMENT AND TO TAILOR CURRICULA ACCORDINGLY.

EXAM ADMINISTRATION AND SCORING

THE EXAM WAS ADMINISTERED STATEWIDE UNDER STANDARDIZED CONDITIONS. IT CONSISTED OF 36 MULTIPLE-CHOICE QUESTIONS AND 6 CONSTRUCTED RESPONSE QUESTIONS. EACH MULTIPLE-CHOICE QUESTION WAS WORTH TWO POINTS, WHILE CONSTRUCTED RESPONSE QUESTIONS VARIED IN POINT VALUE, TYPICALLY RANGING FROM 2 TO 8 POINTS. THE TOTAL POSSIBLE SCORE WAS 100 POINTS. THE SCORING PROCESS INVOLVED TRAINED EVALUATORS WHO FOLLOWED DETAILED RUBRICS TO ENSURE CONSISTENCY AND FAIRNESS.

KEY MATHEMATICAL CONCEPTS TESTED

THE JUNE 2017 REGENTS GEOMETRY EXAM EMPHASIZED A BROAD SPECTRUM OF GEOMETRIC TOPICS ALIGNED WITH THE COMMON CORE STATE STANDARDS FOR MATHEMATICS. STUDENTS WERE EXPECTED TO DEMONSTRATE PROFICIENCY IN BOTH FOUNDATIONAL AND ADVANCED AREAS OF GEOMETRY. THE EXAM TESTED STUDENTS ON THE FOLLOWING CORE CONCEPTS:

CONGRUENCE AND SIMILARITY

STUDENTS NEEDED TO APPLY DEFINITIONS AND PROPERTIES OF CONGRUENT AND SIMILAR FIGURES. THIS INCLUDED USING TRANSFORMATIONS SUCH AS TRANSLATIONS, ROTATIONS, REFLECTIONS, AND DILATIONS TO ESTABLISH CONGRUENCE OR SIMILARITY. PROBLEMS OFTEN REQUIRED PROVING TRIANGLES CONGRUENT BY CRITERIA SUCH AS SSS, SAS, ASA, AND AAS, AS WELL AS IDENTIFYING SIMILARITY THROUGH AA, SSS, AND SAS.

TRIANGLES AND THE PYTHAGOREAN THEOREM

THE EXAM FEATURED QUESTIONS INVOLVING RIGHT TRIANGLES, INCLUDING THE APPLICATION OF THE PYTHAGOREAN THEOREM AND ITS CONVERSE. STUDENTS ALSO HAD TO SOLVE PROBLEMS INVOLVING SPECIAL RIGHT TRIANGLES (30-60-90 AND 45-45-90 TRIANGLES) AND USE TRIGONOMETRIC RATIOS TO FIND MISSING SIDE LENGTHS OR ANGLES.

COORDINATE GEOMETRY

COORDINATE GEOMETRY PROBLEMS REQUIRED STUDENTS TO ANALYZE FIGURES ON THE COORDINATE PLANE BY CALCULATING DISTANCE, MIDPOINT, SLOPE, AND VERIFYING PROPERTIES OF GEOMETRIC SHAPES. THIS SECTION TESTED STUDENTS' ABILITY TO TRANSLATE GEOMETRIC PROBLEMS INTO ALGEBRAIC EQUATIONS AND INTERPRET GRAPHICAL INFORMATION.

CIRCLES AND THEIR PROPERTIES

QUESTIONS RELATED TO CIRCLES ASSESSED KNOWLEDGE OF ARCS, CHORDS, TANGENTS, SECANTS, ANGLES FORMED BY CHORDS AND TANGENTS, AND THE USE OF THE EQUATIONS OF CIRCLES IN THE COORDINATE PLANE. STUDENTS ALSO NEEDED TO UNDERSTAND THE RELATIONSHIPS BETWEEN INSCRIBED ANGLES AND INTERCEPTED ARCS.

AREA, SURFACE AREA, AND VOLUME

THE EXAM REQUIRED STUDENTS TO CALCULATE AREAS OF VARIOUS POLYGONS, INCLUDING IRREGULAR SHAPES, AND SOLVE PROBLEMS INVOLVING THE SURFACE AREA AND VOLUME OF THREE-DIMENSIONAL SOLIDS SUCH AS PRISMS, CYLINDERS, PYRAMIDS, CONES, AND SPHERES. EMPHASIS WAS PLACED ON APPLYING APPROPRIATE FORMULAS AND REASONING THROUGH MULTI-STEP PROBLEMS.

LOGIC AND PROOF

STUDENTS WERE ASSESSED ON THEIR ABILITY TO CONSTRUCT LOGICAL ARGUMENTS AND FORMAL GEOMETRIC PROOFS. THIS INCLUDED WRITING TWO-COLUMN PROOFS AND PARAGRAPH PROOFS USING DEDUCTIVE REASONING AND PREVIOUSLY ESTABLISHED THEOREMS.

EXAM FORMAT AND QUESTION TYPES

THE STRUCTURE OF THE JUNE 2017 REGENTS GEOMETRY EXAM COMBINED VARIOUS QUESTION TYPES TO EVALUATE BOTH COMPUTATIONAL SKILLS AND CONCEPTUAL UNDERSTANDING. THE FORMAT WAS DESIGNED TO PROGRESSIVELY CHALLENGE STUDENTS WITH PROBLEMS OF INCREASING COMPLEXITY.

MULTIPLE-CHOICE QUESTIONS

MULTIPLE-CHOICE ITEMS COMPRISED THE MAJORITY OF THE EXAM AND TESTED A WIDE RANGE OF TOPICS. THESE QUESTIONS TYPICALLY REQUIRED SELECTING THE CORRECT ANSWER FROM FOUR OPTIONS BASED ON CALCULATIONS, DIAGRAM ANALYSIS, OR THEORETICAL KNOWLEDGE.

CONSTRUCTED RESPONSE QUESTIONS

CONSTRUCTED RESPONSE QUESTIONS REQUIRED STUDENTS TO PROVIDE DETAILED SOLUTIONS, EXPLANATIONS, OR PROOFS. THESE QUESTIONS TESTED HIGHER-ORDER THINKING SKILLS AND THE ABILITY TO COMMUNICATE MATHEMATICAL REASONING CLEARLY.

GRAPHING AND DIAGRAM INTERPRETATION

MANY PROBLEMS INCLUDED DIAGRAMS OR COORDINATE GRIDS TO PROVIDE VISUAL CONTEXT. STUDENTS WERE EXPECTED TO ANALYZE FIGURES ACCURATELY AND USE GEOMETRIC TOOLS TO SOLVE PROBLEMS BASED ON THE PROVIDED INFORMATION.

USE OF FORMULAS AND THEOREMS

THE EXAM ALLOWED THE USE OF A FORMULA SHEET THAT CONTAINED ESSENTIAL GEOMETRIC FORMULAS AND THEOREMS. STUDENTS WERE EXPECTED TO APPLY THESE APPROPRIATELY AND DEMONSTRATE UNDERSTANDING BEYOND ROTE MEMORIZATION.

SAMPLE PROBLEMS AND SOLUTIONS

ANALYZING SAMPLE PROBLEMS FROM THE JUNE 2017 REGENTS GEOMETRY EXAM HELPS ILLUSTRATE THE SKILLS AND KNOWLEDGE REQUIRED. BELOW ARE EXAMPLES REPRESENTING TYPICAL QUESTION TYPES WITH EXPLANATIONS.

SAMPLE PROBLEM 1: TRIANGLE CONGRUENCE

GIVEN TWO TRIANGLES WITH CORRESPONDING SIDES MEASURING 5 CM, 7 CM, AND 9 CM, DETERMINE IF THE TRIANGLES ARE CONGRUENT BY SSS AND EXPLAIN YOUR REASONING.

SOLUTION: SINCE ALL THREE PAIRS OF CORRESPONDING SIDES ARE EQUAL ($5\text{ cm} = 5\text{ cm}$, $7\text{ cm} = 7\text{ cm}$, $9\text{ cm} = 9\text{ cm}$), THE TRIANGLES ARE CONGRUENT BY THE SIDE-SIDE-SIDE (SSS) CONGRUENCE THEOREM.

SAMPLE PROBLEM 2: PYTHAGOREAN THEOREM APPLICATION

A RIGHT TRIANGLE HAS LEGS OF LENGTH 6 UNITS AND 8 UNITS. FIND THE LENGTH OF THE HYPOTENUSE.

SOLUTION: USING THE PYTHAGOREAN THEOREM, $\left(c = \sqrt{6^2 + 8^2} = \sqrt{36 + 64} = \sqrt{100} = 10 \right)$ UNITS.

SAMPLE PROBLEM 3: COORDINATE GEOMETRY

FIND THE MIDPOINT OF A SEGMENT WITH ENDPOINTS AT (2, 3) AND (8, 7).

SOLUTION: THE MIDPOINT FORMULA IS $\left(\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right) \right)$. SUBSTITUTING VALUES, $\left(\left(\frac{2+8}{2}, \frac{3+7}{2} \right) = (5, 5) \right)$.

SAMPLE PROBLEM 4: CIRCLE THEOREMS

IN A CIRCLE, AN INSCRIBED ANGLE INTERCEPTS AN ARC MEASURING 80 DEGREES. FIND THE MEASURE OF THE INSCRIBED ANGLE.

SOLUTION: THE MEASURE OF AN INSCRIBED ANGLE IS HALF THE MEASURE OF ITS INTERCEPTED ARC. THEREFORE, THE ANGLE MEASURES $\left(\frac{80}{2} = 40 \right)$ DEGREES.

SUMMARY OF SAMPLE PROBLEM TYPES

- TRIANGLE CONGRUENCE AND SIMILARITY PROOFS
- RIGHT TRIANGLE CALCULATIONS USING THE PYTHAGOREAN THEOREM
- COORDINATE GEOMETRY COMPUTATIONS INCLUDING DISTANCE AND MIDPOINT
- CIRCLE ANGLE AND ARC RELATIONSHIPS
- AREA AND VOLUME CALCULATIONS FOR POLYGONS AND SOLIDS

STRATEGIES FOR SUCCESS ON REGENTS GEOMETRY EXAMS

PERFORMING WELL ON THE JUNE 2017 REGENTS GEOMETRY EXAM REQUIRES EFFECTIVE PREPARATION AND TEST-TAKING STRATEGIES. MASTERY OF CONTENT COMBINED WITH STRATEGIC APPROACHES CAN ENHANCE ACCURACY AND CONFIDENCE.

UNDERSTAND KEY CONCEPTS THOROUGHLY

A STRONG GRASP OF GEOMETRIC PRINCIPLES, THEOREMS, AND FORMULAS IS ESSENTIAL. STUDENTS SHOULD FOCUS ON UNDERSTANDING THE REASONING BEHIND CONCEPTS RATHER THAN MEMORIZING PROCEDURES ALONE. UTILIZING CLASS NOTES,

TEXTBOOKS, AND REVIEW GUIDES CAN REINFORCE FOUNDATIONAL KNOWLEDGE.

PRACTICE WITH PAST EXAMS

WORKING THROUGH PREVIOUS REGENTS EXAMS, INCLUDING THE JUNE 2017 REGENTS GEOMETRY, HELPS FAMILIARIZE STUDENTS WITH QUESTION FORMATS AND TIME MANAGEMENT. PRACTICE EXAMS ALSO REVEAL COMMON PITFALLS AND AREAS NEEDING IMPROVEMENT.

DEVELOP PROOF WRITING SKILLS

SINCE PROOFS CONSTITUTE A CRITICAL COMPONENT OF THE EXAM, STUDENTS SHOULD PRACTICE CONSTRUCTING CLEAR, LOGICAL ARGUMENTS. LEARNING THE STRUCTURE OF TWO-COLUMN PROOFS AND PARAGRAPH PROOFS ENHANCES THE ABILITY TO COMMUNICATE MATHEMATICAL REASONING EFFECTIVELY.

USE DIAGRAMS AND VISUAL AIDS

DRAWING ACCURATE DIAGRAMS AND LABELING ALL KNOWN INFORMATION AIDS IN UNDERSTANDING PROBLEMS AND REDUCING ERRORS. VISUAL REPRESENTATIONS OFTEN CLARIFY COMPLEX QUESTIONS, ESPECIALLY IN COORDINATE GEOMETRY AND CIRCLE PROBLEMS.

MANAGE TIME EFFICIENTLY

ALLOCATING TIME APPROPRIATELY BETWEEN MULTIPLE-CHOICE AND CONSTRUCTED RESPONSE SECTIONS ENSURES COMPLETION OF THE EXAM. STUDENTS SHOULD PRIORITIZE ANSWERING QUESTIONS THEY ARE CONFIDENT ABOUT AND REVISIT CHALLENGING ITEMS IF TIME PERMITS.

CHECK WORK CAREFULLY

REVIEWING ANSWERS AND VERIFYING CALCULATIONS HELPS IDENTIFY SIMPLE MISTAKES. ATTENTION TO DETAIL, ESPECIALLY IN NOTATION AND UNITS, CAN IMPROVE OVERALL SCORES.

SUMMARY OF EFFECTIVE STRATEGIES

1. MASTER FUNDAMENTAL GEOMETRIC CONCEPTS AND THEOREMS
2. PRACTICE WITH PREVIOUS REGENTS EXAMS AND TIMED QUIZZES
3. ENHANCE PROOF-WRITING AND LOGICAL REASONING SKILLS
4. UTILIZE DIAGRAMS TO SUPPORT PROBLEM-SOLVING
5. MANAGE EXAM TIME STRATEGICALLY

FREQUENTLY ASKED QUESTIONS

WHAT TOPICS ARE COMMONLY COVERED IN THE JUNE 2017 REGENTS GEOMETRY EXAM?

THE JUNE 2017 REGENTS GEOMETRY EXAM COMMONLY COVERS TOPICS SUCH AS CONGRUENCE AND SIMILARITY, RIGHT TRIANGLE TRIGONOMETRY, COORDINATE GEOMETRY, CIRCLES, AREA AND VOLUME, TRANSFORMATIONS, AND BASIC GEOMETRIC CONSTRUCTIONS.

HOW CAN I PREPARE EFFECTIVELY FOR THE JUNE 2017 REGENTS GEOMETRY EXAM?

EFFECTIVE PREPARATION INCLUDES REVIEWING PAST REGENTS EXAMS INCLUDING THE JUNE 2017 TEST, PRACTICING PROBLEMS ON KEY TOPICS, STUDYING THE REFERENCE TABLES, UNDERSTANDING THEOREMS AND PROOFS, AND TAKING TIMED PRACTICE TESTS TO IMPROVE SPEED AND ACCURACY.

ARE THERE ANY COMMON TYPES OF PROOF QUESTIONS ON THE JUNE 2017 REGENTS GEOMETRY EXAM?

YES, THE EXAM TYPICALLY INCLUDES TWO-COLUMN PROOFS, PARAGRAPH PROOFS, AND FLOW PROOFS INVOLVING CONGRUENCE, SIMILARITY, PARALLEL LINES, AND PROPERTIES OF TRIANGLES AND QUADRILATERALS.

WHAT IS THE DIFFICULTY LEVEL OF THE JUNE 2017 REGENTS GEOMETRY EXAM COMPARED TO OTHER YEARS?

THE JUNE 2017 REGENTS GEOMETRY EXAM IS CONSIDERED MODERATELY CHALLENGING, WITH A BALANCED MIX OF STRAIGHTFORWARD QUESTIONS AND MULTI-STEP PROBLEMS THAT TEST DEEPER UNDERSTANDING OF GEOMETRIC CONCEPTS.

WHERE CAN I FIND THE ANSWER KEY OR SOLUTIONS FOR THE JUNE 2017 REGENTS GEOMETRY EXAM?

OFFICIAL ANSWER KEYS AND SAMPLE SOLUTIONS ARE AVAILABLE ON THE NEW YORK STATE EDUCATION DEPARTMENT (NYSED) WEBSITE, AS WELL AS ON EDUCATIONAL RESOURCE SITES THAT SPECIALIZE IN REGENTS EXAM PREPARATION.

WHAT TYPES OF COORDINATE GEOMETRY QUESTIONS APPEARED ON THE JUNE 2017 REGENTS GEOMETRY EXAM?

COORDINATE GEOMETRY QUESTIONS INCLUDED FINDING THE DISTANCE BETWEEN POINTS, MIDPOINT, SLOPE OF A LINE, EQUATION OF A LINE, AND APPLYING THESE TO SOLVE PROBLEMS INVOLVING POLYGONS ON THE COORDINATE PLANE.

DID THE JUNE 2017 REGENTS GEOMETRY EXAM INCLUDE QUESTIONS ON CIRCLE THEOREMS?

YES, THE EXAM FEATURED QUESTIONS ON CIRCLE PROPERTIES SUCH AS ARC LENGTHS, SECTOR AREAS, ANGLE MEASURES FORMED BY CHORDS, TANGENTS, AND SECANTS, AND THEOREMS INVOLVING INSCRIBED ANGLES.

HOW ARE TRANSFORMATION QUESTIONS PRESENTED IN THE JUNE 2017 REGENTS GEOMETRY EXAM?

TRANSFORMATION QUESTIONS TYPICALLY INVOLVE IDENTIFYING OR PERFORMING TRANSLATIONS, ROTATIONS, REFLECTIONS, AND DILATIONS ON FIGURES, AND ANALYZING THE EFFECTS ON COORDINATES, LENGTHS, AND ANGLES.

ADDITIONAL RESOURCES

1. *MASTERING GEOMETRY: JUNE 2017 REGENTS EDITION*

THIS COMPREHENSIVE GUIDE FOCUSES SPECIFICALLY ON THE TOPICS COVERED IN THE JUNE 2017 REGENTS GEOMETRY EXAM. IT INCLUDES DETAILED EXPLANATIONS OF FUNDAMENTAL CONCEPTS SUCH AS PROOFS, THEOREMS, AND COORDINATE GEOMETRY. PRACTICE PROBLEMS MIRROR THE STYLE AND DIFFICULTY OF THE ACTUAL REGENTS TEST, MAKING IT AN IDEAL RESOURCE FOR STUDENTS PREPARING FOR THAT EXAM.

2. *REGENTS GEOMETRY PRACTICE WORKBOOK: JUNE 2017*

DESIGNED TO COMPLEMENT THE JUNE 2017 REGENTS EXAM, THIS WORKBOOK PROVIDES HUNDREDS OF PRACTICE QUESTIONS AND FULL-LENGTH PRACTICE TESTS. EACH SECTION IS ALIGNED WITH THE REGENTS CURRICULUM AND INCLUDES STEP-BY-STEP SOLUTIONS TO HELP STUDENTS BUILD CONFIDENCE. THE WORKBOOK ALSO OFFERS TIPS FOR TIME MANAGEMENT AND TEST-TAKING STRATEGIES SPECIFIC TO THE REGENTS FORMAT.

3. *GEOMETRY ESSENTIALS FOR NEW YORK REGENTS: JUNE 2017 FOCUS*

THIS BOOK DISTILLS THE CORE GEOMETRY CONCEPTS REQUIRED FOR SUCCESS ON THE NEW YORK REGENTS EXAM FROM JUNE 2017. IT EMPHASIZES UNDERSTANDING OVER MEMORIZATION AND INCLUDES VISUAL AIDS TO HELP CLARIFY COMPLEX TOPICS LIKE ANGLE RELATIONSHIPS AND TRIANGLE CONGRUENCE. IDEAL FOR REVIEW SESSIONS, IT ALSO HIGHLIGHTS COMMON PITFALLS AND FREQUENTLY TESTED PROBLEMS.

4. *THE GEOMETRY REGENTS BLUEPRINT: JUNE 2017*

OFFERING AN IN-DEPTH ANALYSIS OF THE JUNE 2017 REGENTS GEOMETRY EXAM, THIS TITLE BREAKS DOWN EACH SECTION TO REVEAL PATTERNS AND KEY FOCUS AREAS. IT PROVIDES COMPREHENSIVE COVERAGE OF PROOFS, CONSTRUCTIONS, AND COORDINATE GEOMETRY PROBLEMS. READERS WILL FIND STRATEGIES FOR TACKLING MULTIPLE-CHOICE QUESTIONS AND TIPS ON HOW TO APPROACH MULTI-PART PROBLEMS EFFICIENTLY.

5. *STEP-BY-STEP REGENTS GEOMETRY: JUNE 2017 EDITION*

THIS BOOK GUIDES STUDENTS THROUGH THE REGENTS GEOMETRY CURRICULUM WITH CLEAR, SEQUENTIAL LESSONS BASED ON THE JUNE 2017 EXAM CONTENT. EACH CHAPTER BUILDS ON PREVIOUS CONCEPTS AND INCLUDES EXAMPLES, PRACTICE PROBLEMS, AND MINI-QUIZZES. THE STEP-BY-STEP APPROACH HELPS STUDENTS DEVELOP A STRONG FOUNDATION AND IMPROVE PROBLEM-SOLVING SKILLS ESSENTIAL FOR THE EXAM.

6. *REGENTS GEOMETRY REVIEW AND PRACTICE: JUNE 2017*

IDEAL FOR LAST-MINUTE REVIEW, THIS RESOURCE SUMMARIZES ALL KEY GEOMETRY CONCEPTS TESTED IN THE JUNE 2017 REGENTS EXAM. IT FEATURES CONCISE NOTES, FORMULA SHEETS, AND A VARIETY OF PRACTICE QUESTIONS WITH DETAILED ANSWERS. THE BOOK ALSO INCLUDES A FULL PRACTICE TEST MODELED AFTER THE ACTUAL REGENTS TO SIMULATE TEST-DAY CONDITIONS.

7. *GEOMETRY REGENTS EXAM PREP: JUNE 2017 INSIGHTS*

FOCUSING ON EXAM READINESS, THIS BOOK OFFERS TARGETED DRILLS AND REVIEW SESSIONS BASED ON THE JUNE 2017 REGENTS GEOMETRY TEST. IT INCLUDES ANALYSIS OF COMMON ERRORS AND SUGGESTIONS FOR IMPROVING ACCURACY AND SPEED. THE BOOK IS STRUCTURED TO HELP STUDENTS IDENTIFY WEAK AREAS AND REINFORCE CRITICAL GEOMETRY SKILLS FOR BETTER PERFORMANCE.

8. *NEW YORK REGENTS GEOMETRY: JUNE 2017 COMPREHENSIVE GUIDE*

THIS COMPREHENSIVE GUIDE COVERS ALL ASPECTS OF THE NEW YORK REGENTS GEOMETRY CURRICULUM AS TESTED IN JUNE 2017. IT COMBINES THEORY, PRACTICE, AND APPLICATION WITH NUMEROUS EXAMPLES AND EXERCISES. THE GUIDE IS SUITABLE FOR BOTH CLASSROOM USE AND INDEPENDENT STUDY, PROVIDING THOROUGH PREPARATION FOR THE EXAM.

9. *GEOMETRY CONCEPTS AND REGENTS PRACTICE: JUNE 2017 EDITION*

BLENDING CONCEPTUAL LEARNING WITH PRACTICAL APPLICATION, THIS BOOK ADDRESSES THE TOPICS FEATURED ON THE JUNE

2017 REGENTS GEOMETRY EXAM. IT OFFERS CLEAR DEFINITIONS, ILLUSTRATED EXAMPLES, AND A WIDE RANGE OF PRACTICE PROBLEMS TO ENHANCE UNDERSTANDING. THE BOOK ALSO INCLUDES REVIEW SECTIONS AND STRATEGIES FOR ANSWERING REGENTS-STYLE QUESTIONS EFFECTIVELY.

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