TABE 9 & 10 ITEM ANALYSIS BY TEST LEVEL
APPLIED MATHEMATICS

NUMBER AND NUMBER OPERATIONS	E9	E10	M9	M10	D9	D10	A9	A10
Counting	✓	✓						
Ordinal Numbers	✓	✓						
Odd, Even Numbers	✓							
Read, Recognize Numbers	✓	✓✓		✓	✓			
Money		✓	✓	✓				
Operations Sense	✓	✓	✓	✓✓				
Compare, Order	✓		✓	✓		✓		
Place Value	✓	✓	✓	✓	✓	✓		
Fractional Part	✓	✓	✓	✓	✓	✓		
Operation Properties	✓	✓	✓		✓	✓		
Equivalent Forms	✓	✓	✓✓	✓	✓	✓	✓	✓
Number Line			✓	✓	✓	✓		
Factors, Multiples, Divisibility			✓	✓		✓	✓	✓
Percent					✓		✓	✓✓
Ratio, Proportion					✓	✓	✓✓	✓
Exponents, Scientific Notation							✓	✓
COMPUTATION IN CONTEXT	E9	E10	M9	M10	D9	D10	A9	A10
Whole Numbers	✓✓✓	✓✓	✓✓✓	✓✓	✓	✓✓		
Decimals	✓✓	✓✓✓		✓✓	✓✓	✓		✓✓
Fractions	✓	✓✓	✓	✓	✓	✓✓	✓✓	
Percents							✓✓	✓✓
ESTIMATION	E9	E10	M9	M10	D9	D10	A9	A10
Estimation	✓✓✓	✓✓	✓✓✓	✓✓	✓✓	✓✓	✓✓✓	✓✓
Rounding	✓	✓✓	✓	✓	✓✓✓	✓✓	✓	✓
Reasonableness of Answer	✓	✓	✓	✓		✓		✓
MEASUREMENT	E9	E10	M9	M10	D9	D10	A9	A10
Appropriate Tool	✓	✓						
Calendar	✓	✓						
Use Ruler		✓	✓	✓				
Appropriate Unit	✓	✓	✓	✓	✓	✓		
Time	✓		✓	✓	✓✓	✓		
Temperature				✓				
Length, Distance		✓	✓✓				✓	✓
Mass, Weight	✓							
Perimeter			✓	✓✓	✓	✓	✓	
Area					✓	✓	✓	✓✓✓
Rate						✓	✓	
Convert Measurement Units					✓			✓✓
Circumference							✓	

	E9	E10	M9	M10	D9	D10	A9	A10
Volume							✓	
Angle Measure						✓		

TABE 9 & 10 ITEM ANALYSIS BY TEST LEVEL
APPLIED MATHEMATICS

GEOMETRY AND SPATIAL SENSE	E9	E10	M9	M10	D9	D10	A9	A10
Symmetry				✓		✓		
Congruence, Similarity	✓✓	✓	✓✓	✓✓				
Plane Figure	✓	✓			✓	✓		✓
Solid Figure	✓	✓	✓	✓		✓		
Visualization, Spatial Reasoning	✓	✓		✓		✓		
Parallel, Perpendicular			✓✓	✓		✓		
Triangles			✓		✓			
Angles						✓		✓✓
Coordinate Geometry					✓		✓✓✓	✓
Parts of a Circle					✓		✓	
Point, Ray, Line, Plane					✓		✓	✓
Transformations					✓		✓	
Pythagorean Theorem								✓
DATA ANALYSIS	E9	E10	M9	M10	D9	D10	A9	A10
Bar, Line, Circle Graph	✓✓	✓✓	✓	✓✓✓	✓✓✓	✓✓	✓✓	✓✓✓
Table, Chart, Diagram	✓✓✓✓		✓✓✓		✓	✓	✓✓	✓
Conclusions from Data	✓	✓✓✓	✓✓✓	✓✓	✓	✓	✓✓	✓✓✓
Appropriate Data Display				✓	✓✓	✓✓	✓	✓
STATISTICS AND PROBABILITY	E9	E10	M9	M10	D9	D10	A9	A10
Probability	✓✓	✓	✓✓	✓✓	✓✓	✓	✓✓	✓
Statistics	✓✓	✓✓✓	✓✓	✓✓	✓	✓✓	✓✓	✓✓
Sampling					✓	✓		✓
PATTERNS, FUNCTIONS, ALGEBRA	E9	E10	M9	M10	D9	D10	A9	A10
Missing Element	✓	✓						
Number Pattern	✓✓	✓	✓	✓		✓	✓✓	✓
Geometric Pattern	✓	✓		✓			✓	✓✓
Variable, Expression, Equation		✓	✓	✓✓	✓✓	✓	✓✓	✓
Function			✓✓	✓	✓✓	✓		✓✓
Inequality					✓	✓	✓✓	✓✓
Linear Equation					✓	✓✓	✓	

PROBLEM SOLVING AND REASONING	E9	E10	M9	M10	D9	D10	A9	A10
Solve Problem	√ √ √	√	√ √	√	√	√	√√√	√
Identify Missing/Extra Information	√	√ √	√	√	√ √	√√		√
Model Problem Situation, Solution		√	√	√ √	√		√	√
Evaluate Solution						√	√	√