The IAR and IAR 8/9

Indicator of Academic Readiness

provided by Knowsys Educational Services LLC

Overview:
- Testing Time: 2 hours
- Sections: 4
- Questions: 110
- Format: Online
- Measures readiness in Math, Science, Reading, and Writing

IAR Audience:
Juniors & Seniors
Baylor TIP Grades 7+

IAR 8/9 Audience:
8th & 9th Graders
Baylor TIP Grades 4-6

Sections:

Math/Science:
- 2 Sections
- 30 minutes/30 questions per section
- Math (74%) and Science (26%)

- Tested **Math** Content (44 questions):
  - Algebra
  - Data Analysis
  - Advanced Math
  - Geometry
  - Trigonometry (<u>not</u> on the IAR 8/9)

- Tested **Science** Content (16 questions):
  - Reading graphs, tables, & schematics
  - Understanding complex data
  - Evaluating conclusions & hypotheses
  - Making generalizations, deductions, & predictions

Reading/Writing:
- 2 Sections
- 30 minutes/25 questions per section
- Reading (40%), Writing (50%), and Vocabulary (10%)

- Tested **Reading** Content (20 questions):
  - Comprehension (details, inference, main idea)
  - Analysis (compare/contrast, logic, point of view, purpose, structure, & tone)

- Tested **Writing** Content (25 questions):
  - Grammar (boundaries, modifiers, parallelism, possessives, pronouns, subject/verb agreement, and verbs)
  - Writer's Craft (focus, purpose, transitions, use of data, and words and expressions)

- Tested **Vocabulary** Content (5 questions):
  - Analogies
  - Sentence Completions
  - Words in Context