



# Forms E and F Scope & Sequence for Complete and Core Batteries

The Scope and Sequence describes each level and subtest, provides the testing times, and lists the number of questions for each subtest and by level. Administration times are approximate for Levels 5–8 and are expected to vary with different test administrators and groups of students. Allow enough time so most students can finish each test. Administration for Levels 9–17/18 is timed, and the testing times listed correspond to the standard time limits.

## Levels 5–5/6 (Grades K–1) Testing Times

Test	Number of Items		Approximate Working Time (minutes)	
	Level 5	Level 5/6	Level 5	Level 5/6
Vocabulary	23	27	20	20
Word Analysis	29	33	20	20
Phonological Awareness & Decoding				
Identifying & Analyzing Word Parts				
Listening	23	27	30	30
Literal Comprehension				
Inferential Comprehension				
Language	27	31	25	25
Verb Tense				
Classification				
Singular-Plural Usage				
Operational Language				
Spatial-Directional Language				
Prepositions to Denote Relationships				
Comparative & Superlative Adjectives				
Math	27	35	25	25
Number Sense & Operations				
Algebraic Patterns & Connections				
Geometry				
Measurement				
Reading (Parts I and II)	17	34	30	40
Words				
Comprehension				
<b>TOTALS— COMPLETE</b>	<b>146</b>	<b>187</b>	<b>2 h. 30 min.</b>	<b>2 h. 40 min.</b>

## Levels 7–8 (Grades 1–3) Testing Times

Test	Number of Items		Approximate Working Time (minutes)	
	Level 7 (Grades 1–2)	Level 8 (Grades 2–3)	Level 7 (Grades 1–2)	Level 8 (Grades 2–3)
• Vocabulary	26	26	15	15
• Word Analysis				
Phonological Awareness & Decoding	32	33	15	15
Identifying & Analyzing Word Parts				
• Reading (Parts I and II)				
Literary Text				
Informational Text	35	38	45	45
Explicit Meaning				
Implicit Meaning				
Key Ideas				
Vocabulary	–		–	
Author’s Craft	–		–	
• Listening				
Literal Comprehension	27	27	25	25
Inferential Comprehension				
• Language				
Spelling				
Capitalization	34	42	25	25
Punctuation				
Written Expression				
• Math (Parts I and II)				
Number Sense & Operations				
Algebraic Patterns & Connections	41	46	50	50
Data Analysis, Probability, & Statistics				
Geometry				
Measurement				
• Computation				
Compute with Whole Numbers	25	27	25	25
Social Studies				
History				
Geography	29	29	25	25
Economics				
Civics & Government				
Science				
Life Science				
Earth & Space Science	29	29	25	25
Physical Science				
<b>TOTALS— COMPLETE</b>	<b>278</b>	<b>297</b>	<b>4 h. 10 min.</b>	<b>4 h. 10 min.</b>
<b>TOTALS—CORE</b>	<b>220</b>	<b>239</b>	<b>3 h. 20 min.</b>	<b>3 h. 20 min.</b>

• Core Battery

Scope and Sequence for the Survey Battery of the *Iowa Assessments* also available.

**Exciting news!** In 2017, HMH will release a **NEW** parallel Form G and updated norms for Forms E & F. Call for more information.

## Levels 9–14 (Grades 3–8) Testing Times

Test	Number of Items						Testing Time (minutes)
	Level 9 (Grade 3)	Level 10 (Grade 4)	Level 11 (Grade 5)	Level 12 (Grade 6)	Level 13 (Grade 7)	Level 14 (Grade 8)	
• Reading <sup>1</sup>							
Literary Text							
Informational Text							
Vocabulary							
Explicit Meaning	41	42	43	44	45	46	30 + 30
Implicit Meaning							
Key Ideas							
Author's Craft							
• Written Expression							
Usage & Grammar							
Sentence Structure	35	38	40	43	45	48	40
Planning & Organization							
Appropriate Expression							
• Math <sup>1</sup>							
Number Sense & Operations							
Algebraic Patterns & Connections							
Data Analysis, Probability, & Statistics	50	55	60	65	70	75	30 + 30
Geometry							
Measurement							
Science							
Life Science							
Earth & Space Science	30	34	37	39	41	43	35
Physical Science							
Social Studies							
History							
Geography	30	34	37	39	41	43	35
Economics							
Civics & Government							
• Vocabulary	29	34	37	39	41	42	15
• Spelling	24	27	30	32	34	35	10
• Capitalization	20	22	24	25	27	29	10
• Punctuation	20	22	24	25	27	29	10
• Computation							
Compute with Whole Numbers							
Compute with Fractions	25	27	29	30	31	32	20
Compute with Decimals							
Algebraic Manipulations							
• Word Analysis <sup>2</sup>							
Phonological Awareness & Decoding	33	–	–	–	–	–	20
Identifying & Analyzing Word Parts							
• Listening <sup>2</sup>							
Literal Comprehension	28	–	–	–	–	–	25
Inferential Comprehension							
<b>TOTAL ITEMS—COMPLETE</b>	<b>365</b>	<b>335</b>	<b>361</b>	<b>381</b>	<b>402</b>	<b>422</b>	<b>–</b>
<b>TOTAL TIME—COMPLETE</b>	<b>5 h. 40 min.</b>	<b>4 h. 55 min.</b>	<b>4 h. 55 min.</b>	<b>4 h. 55 min.</b>	<b>4 h. 55 min.</b>	<b>4 h. 55 min.</b>	<b>–</b>
<b>TOTAL ITEMS—CORE</b>	<b>305</b>	<b>267</b>	<b>287</b>	<b>303</b>	<b>320</b>	<b>336</b>	<b>–</b>
<b>TOTAL TIME—CORE</b>	<b>4 h. 30 min.</b>	<b>3 h. 45 min.</b>	<b>3 h. 45 min.</b>	<b>3 h. 45 min.</b>	<b>3 h. 45 min.</b>	<b>3 h. 45 min.</b>	<b>–</b>

<sup>1</sup> This test is administered in two parts.

<sup>2</sup> This test is read aloud by the test administrator. The time given is approximate.

• Core Battery

## Levels 15–17/18 (Grades 9–12) Testing Times

Test	Number of Items			Testing Time (minutes)
	Level 15 (Grade 9)	Level 16 (Grade 10)	Level 17/18 (Grades 11/12)	
• Reading	40	40	40	40
Literary Text				
Informational Text				
Vocabulary				
Explicit Meaning				
Implicit Meaning				
Key Ideas				
Author's Craft				
• Written Expression	54	54	54	40
Usage & Grammar				
Sentence Structure				
Planning & Organization				
Appropriate Expression				
Mechanics				
• Math	40	40	40	40
Number Sense & Operations				
Algebraic Patterns & Connections				
Data Analysis, Probability, & Statistics				
Geometry				
Measurement				
Science	48	48	48	40
Life Science				
Earth & Space Science				
Physical Science				
Social Studies	50	50	50	40
History				
Geography				
Economics				
Civics & Government				
• Vocabulary	40	40	40	15
• Computation	30	30	30	20
Integers				
Decimals/Percents				
Fractions				
Algebraic Manipulations				
<b>TOTAL ITEMS—COMPLETE</b>	<b>302</b>	<b>302</b>	<b>302</b>	–
<b>TOTAL TIME—COMPLETE</b>	<b>3 h. 55 min.</b>	<b>3 h. 55 min.</b>	<b>3 h. 55 min.</b>	–
<b>TOTAL ITEMS—CORE</b>	<b>204</b>	<b>204</b>	<b>204</b>	–
<b>TOTAL TIME—CORE</b>	<b>2 h. 35 min.</b>	<b>2 h. 35 min.</b>	<b>2 h. 35 min.</b>	–

• Core Battery

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