

## Excerpt from 2018 Grades 3-8 ELA and Math Scoring Leader Handbook

### Recommended Assignment of Test Questions to Scorers for English Language Arts Tests

Grade	Scoring Group	Suggested Question Grouping (Student Session 2 Booklet)	Question Types	Estimated Scoring Time Paper Tests Rate/Student	Estimated Scoring Time Computer Tests Rate/Student	Estimated Training Time Required
3	A	25, 26	2 SR	2.6 min/student	1.3 min/student	1.4 hours
	B	27, 28, 29	3 SR	3.8 min/student	2.0 min/student	2.0 hours
	C	30, 31	1 SR, 1 ER	3.0 min/student	1.6 min/student	2.3 hours
4	A	25, 26, 27	3 SR	2.9 min/student	1.5 min/student	2.0 hours
	B	28, 29	2 SR	2.5 min/student	1.3 min/student	1.4 hours
	C	30, 31	1 SR, 1 ER	3.8 min/student	2.2 min/student	2.3 hours
5	A	36, 37, 38	3 SR	4.4 min/student	2.2 min/student	2.0 hours
	B	39, 40	2 SR	2.5 min/student	1.3 min/student	1.4 hours
	C	41, 42	1 SR, 1 ER	3.5 min/student	2.0 min/student	2.3 hours
6	A	36, 37, 38	3 SR	5.0 min/student	2.6 min/student	2.0 hours
	B	39, 40	2 SR	3.2 min/student	1.6 min/student	1.4 hours
	C	41, 42	1 SR, 1 ER	4.0 min/student	3.2 min/student	2.3 hours
7	A	36, 37, 38	3 SR	4.9 min/student	2.6 min/student	2.0 hours
	B	39, 40	2 SR	3.4 min/student	1.8 min/student	1.4 hours
	C	41, 42, 43	2 SR, 1 ER	4.6 min/student	2.5 min/student	3.0 hours
8	A	36, 37, 38	3 SR	4.6 min/student	2.3 min/student	2.0 hours
	B	39, 40	2 SR	3.4 min/student	1.8 min/student	1.4 hours
	C	41, 42, 43	2 SR, 1 ER	5.4 min/student	3.0 min/student	3.0 hours

SR—short-response question (2 points)

ER—extended-response question (4 points)

### Recommended Assignment of Test Questions to Scorers for Mathematics Tests

Grade	Scoring Group	Suggested Question Grouping (Student Session 2 Booklet)	Question Types	Estimated Scoring Time Paper Tests Rate/Student	Estimated Scoring Time Computer Tests Rate/Student	Estimated Training Time Required
3	A	34, 37, 40	2 SR, 1 ER	1.8 min/student	.90 min/student	3.0 hours
	B	36, 38	2 SR	2.0 min/student	1.0 min/student	1.4 hours
	C	35, 39	2 SR	1.9 min/student	1.0 min/student	1.4 hours
4	A	39, 40	2 SR	1.8 min/student	.90 min/student	1.4 hours
	B	41, 42	2 SR	1.9 min/student	1.0 min/student	1.4 hours
	C	43, 44, 45	2 SR, 1 ER	2.0 min/student	1.0 min/student	3.0 hours
5	A	39, 40	2 SR	2.2 min/student	1.1 min/student	1.4 hours
	B	41, 42	2 SR	2.2 min/student	1.1 min/student	1.4 hours
	C	43, 44, 45	2 SR, 1 ER	2.0 min/student	1.0 min/student	3.0 hours
6	A	39, 41, 42	3 SR	3.1 min/student	1.6 min/student	2.0 hours
	B	40, 43, 44	3 SR	3.0 min/student	1.5 min/student	2.0 hours
	C	45, 46	1 SR, 1 ER	3.1 min/student	1.6 min/student	2.3 hours
7	A	41, 42, 44	3 SR	2.8 min/student	1.4 min/student	2.0 hours
	B	45, 46	2 SR	2.7 min/student	1.3 min/student	1.4 hours
	C	43, 47, 48	2 SR, 1 ER	2.8 min/student	1.4 min/student	3.0 hours
8	A	41, 42, 48	2 SR, 1 ER	3.2 min/student	1.6 min/student	3.0 hours
	B	43, 44, 46	3 SR	3.2 min/student	1.6 min/student	2.0 hours
	C	45, 47	2 SR	3.0 min/student	1.5 min/student	1.4 hours

SR—short-response question (2 points)

ER—extended-response question (3 points)

# Appendix M: Approximate Read Times for Scoring English Language Arts

*Note: All indicated times are in minutes and/or parts of minutes.*

Average Read Times				
Grade	2-Credit Questions		4-Credit Questions	
	Electronic	Pencil/Paper	Electronic	Pencil/Paper
3	0.65	1.26	0.98	1.78
4	0.61	1.21	1.28	2.08
5	0.70	1.40	1.27	2.07
6	0.88	1.67	2.13	2.93
7	0.81	1.56	1.18	1.98
8	0.83	1.61	1.22	2.02

Approximate Read Times for Each Question: ELA Grades 3 and 4					
	Credits	Grade 3		Grade 4	
		Electronic	Pencil/Paper	Electronic	Pencil/Paper
<b>Session 2</b>					
<b>Q. 25</b>	2	0.63	1.26	0.45	0.90
<b>Q. 26</b>	2	0.65	1.30	0.45	0.90
<b>Q. 27</b>	2	0.47	0.94	0.57	1.14
<b>Q. 28</b>	2	0.98	1.78	0.62	1.24
<b>Q. 29</b>	2	0.53	1.06	0.65	1.30
<b>Q. 30</b>	2	0.62	1.24	0.95	1.75
<b>Q. 31</b>	4	0.98	1.78	1.28	2.08

Approximate Read Times for Each Question: ELA Grades 5 and 6					
	Credits	Grade 5		Grade 6	
		Electronic	Pencil/Paper	Electronic	Pencil/Paper
<b>Session 2</b>					
<b>Q. 36</b>	2	0.77	1.54	0.97	1.77
<b>Q. 37</b>	2	0.67	1.34	0.80	1.60
<b>Q. 38</b>	2	0.78	1.56	0.83	1.63
<b>Q. 39</b>	2	0.60	1.20	0.83	1.63
<b>Q. 40</b>	2	0.65	1.30	0.78	1.56
<b>Q. 41</b>	2	0.73	1.46	1.03	1.83
<b>Q. 42</b>	4	1.27	2.07	2.13	2.93

## Appendix M: Approximate Read Times for Scoring English Language Arts (continued)

Approximate Read Times for Each Question: ELA Grades 7 and 8					
	Credits	Grade 7		Grade 8	
		Electronic	Pencil/Paper	Electronic	Pencil/Paper
<b>Session 2</b>					
<b>Q. 36</b>	2	1.08	1.88	0.82	1.62
<b>Q. 37</b>	2	0.80	1.60	0.70	1.40
<b>Q. 38</b>	2	0.73	1.46	0.77	1.54
<b>Q. 39</b>	2	0.95	1.75	0.85	1.65
<b>Q. 40</b>	2	0.80	1.60	0.93	1.73
<b>Q. 41</b>	2	0.58	1.16	0.88	1.68
<b>Q. 42</b>	2	0.75	1.50	0.87	1.67
<b>Q. 43</b>	4	1.18	1.98	1.22	2.02

## Appendix N: Approximate Read Times for Scoring Mathematics

*Note: All indicated times are in minutes and/or parts of minutes.*

Average Read Times				
Grade	2-Credit Questions		3-Credit Questions	
	Electronic	Pencil/Paper	Electronic	Pencil/Paper
3	0.44	0.88	0.18	0.36
4	0.44	0.89	0.23	0.46
5	0.47	0.94	0.37	0.74
6	0.54	1.08	0.86	1.66
7	0.54	1.07	0.37	0.74
8	0.59	1.17	0.63	1.26

Approximate Read Times for Each Question			
Question	Grade 3		
	Credits	Electronic	Pencil/ Paper
Q. 34	2	0.33	0.66
Q. 35	2	0.35	0.70
Q. 36	2	0.52	1.04
Q. 37	2	0.37	0.74
Q. 38	2	0.47	0.94
Q. 39	2	0.60	1.20
Q. 40	3	0.18	0.36

Approximate Read Times for Each Question: Math Grades 4, 5, and 6									
Question	Grade 4			Grade 5			Grade 6		
	Credits	Electronic	Pencil/ Paper	Credits	Electronic	Pencil/ Paper	Credits	Electronic	Pencil/ Paper
Q. 39	2	0.37	0.74	2	0.38	0.76	2	0.62	1.24
Q. 40	2	0.56	1.12	2	0.72	1.44	2	0.45	0.90
Q. 41	2	0.55	1.10	2	0.65	1.30	2	0.65	1.30
Q. 42	2	0.42	0.84	2	0.45	0.90	2	0.29	0.58
Q. 43	2	0.39	0.78	2	0.25	0.50	2	0.60	1.20
Q. 44	2	0.37	0.74	2	0.38	0.76	2	0.46	0.92
Q. 45	3	0.23	0.46	3	0.37	0.74	2	0.70	1.40
Q. 46							3	0.86	1.66

## Appendix N: Approximate Read Times for Scoring Mathematics (continued)

Approximate Read Times for Each Question: Math Grades 7 and 8						
	Grade 7			Grade 8		
Question	Credits	Electronic	Pencil/ Paper	Credits	Electronic	Pencil/ Paper
<b>Q. 41</b>	2	0.38	0.76	2	0.55	1.10
<b>Q. 42</b>	2	0.72	1.44	2	0.42	0.84
<b>Q. 43</b>	2	0.60	1.20	2	0.50	1.00
<b>Q. 44</b>	2	0.30	0.60	2	0.65	1.30
<b>Q. 45</b>	2	0.48	0.96	2	0.67	1.34
<b>Q. 46</b>	2	0.84	1.64	2	0.47	0.94
<b>Q. 47</b>	2	0.45	0.90	2	0.87	1.67
<b>Q. 48</b>	3	0.37	0.74	3	0.63	1.26