

Arizona™-4

Arizona Articulation and Phonology Scale, Fourth Revision

Janet B. Fudala, PhD Sheri Stegall, PhD

Name		Year	Month	Day	Dialect	
Maya S.		2017	7	20		
Gender	Grade	Date of birth	2013	3	15	Examiner
Female	Preschool	Chronological age	4	4	5	

SCORE SUMMARY

Word Articulation				Sentence Articulation			
15	+	8	+	10.5	=	33.5	
Initial Consonants		Final Consonants		Vowels		Total Error Value	
100	-	33.5	=	66.5			
Total Possible Score		Total Error Value		Word Articulation Total Score			
15.5	+	16.5	+	10.5	=	42.5	
Initial Consonants		Final Consonants		Vowels		Total Error Value	
100	-	42.5	=	57.5			
Total Possible Score		Total Error Value		Sentence Articulation Total Score			

SPEECH INTELLIGIBILITY INTERPRETATION VALUE

Word Articulation	Sentence Articulation
Speech intelligibility is difficult, even with careful listening	Speech usually is unintelligible

WORD-SENTENCE ARTICULATION CRITICAL DIFFERENCE SCORE

Difference between Total Scores for Word Articulation and Sentence Articulation =	9	Significant? Yes
---	---	------------------

LEVEL OF ARTICULATORY IMPAIRMENT

Word Articulation					Sentence Articulation				
Standard score (SS)	Confidence interval 95%	Percentile rank	Test-age equivalent	Severity range	Standard score (SS)	Confidence interval 95%	Percentile rank	Test-age equivalent	Severity range
63	55-71	1	2:2 to 2:3	Severe	54	47-61	0.1	<3:0	Severe

ITEM DISCREPANCY ANALYSIS

Sound number	Response (Correct or Incorrect)		Sound type
	Word Articulation	Sentence Articulation	
8	C	I	Final Consonants
15	C	I	Final Consonants
24	C	I	Final Consonants
63	C	I	Initial Consonants
64	C	I	Final Consonants

Key:

C = Correct response

I = Incorrect response

SUMMARY OF TEST DATA ENTRY

Word Articulation

1.	C	11.	C	21.	C	31.	I	41.	C	51.	I	61.	C
2.	C	12.	I	22.	I	32.	C	42.	I	52.	I	62.	C
3.	C	13.	C	23.	C	33.	C	43.	C	53.	I	63.	C
4.	C	14.	I	24.	C	34.	I	44.	C	54.	C	64.	C
5.	C	15.	C	25.	C	35.	I	45.	I	55.	I	65.	I
6.	C	16.	I	26.	I	36.	I	46.	I	56.	I	66.	C
7.	C	17.	C	27.	I	37.	I	47.	I	57.	I	67.	I
8.	C	18.	C	28.	C	38.	C	48.	I	58.	C		
9.	C	19.	C	29.	C	39.	I	49.	C	59.	C		
10.	C	20.	C	30.	C	40.	I	50.	I	60.	C		

Sentence Articulation

1.	C	11.	C	21.	C	31.	I	41.	C	51.	I	61.	C
2.	C	12.	I	22.	I	32.	C	42.	I	52.	I	62.	C
3.	C	13.	C	23.	C	33.	C	43.	C	53.	I	63.	I
4.	C	14.	I	24.	I	34.	I	44.	C	54.	C	64.	I
5.	C	15.	I	25.	C	35.	I	45.	I	55.	I	65.	I
6.	C	16.	I	26.	I	36.	I	46.	I	56.	I	66.	C
7.	C	17.	C	27.	I	37.	I	47.	I	57.	I	67.	I
8.	I	18.	C	28.	C	38.	C	48.	I	58.	C		
9.	C	19.	C	29.	C	39.	I	49.	C	59.	C		
10.	C	20.	C	30.	C	40.	I	50.	I	60.	C		

Key:

C = Correct response

I = Incorrect response

- = Missing response

Word Articulation missing responses: 0

Sentence Articulation missing responses: 0

END OF REPORT