

APPENDICES



APPENDIX 1. INSTRUMENT OF VOCABULARY MASTERY

Blueprint of vocabulary mastery

Aspects	Indicator	Number of item
The content word	The students are capable to comprehend the content word such as: - Verb - Adjective - Noun - Adverb	1,2,3,4, 5,6,7,8,
The function word	The students are capable to comprehend the function word: - Pronoun - Preposition - Article	9,10, 11,12,13,14,15,16,17
The use	The students are capable to use appropriate choice of word	18, 19
The meaning	The students are capable to find the synonym and antonym of words	20, 21, 22, 23, 24, 25, 26, 27, 28

TEST

Directions:

1. Please read the questions below!
2. Choose the correct answer by crossing (X) on options A, B, C, or D.
3. You are given 45 minutes to answer the questions.
4. This question is written only for research purpose and collecting the data.
5. This question does not affect your score.

Class :

The content word:

1. I bought an expensive book at the mall. The word form of the word in bold is...
 - a. Adjective
 - b. Verb
 - c. Noun

- d. Conjunction
2. What did he tell you about me? The word form of the word in bold is...
- Adjective
 - Verb
 - Noun
 - Conjunction
3. He is smart, but is he professional? The word form of the word in bold is...
- Adjective
 - Verb
 - Preposition
 - Adverb
4. I will go to one of beautiful (islands) in Indonesia this month.
- Adjective
 - Verb
 - Preposition
 - Noun
5. Aryan: What does Nadya do today?
Imlie: She cooks rice in the kitchen.
The word form of the underlined word is ...
- Verb
 - Noun
 - Adverb
 - Adjective
6. She drives very (carefully) because she has a traumatic car accident.
- Adjective
 - Verb
 - Noun
 - Adverb
7. It is (nice) to meet you since we haven't met each other for two months.
- Adjective
 - Verb



- c. Noun
 - d. Adverb
8. (Indonesia) is a big and beautiful country.
- a. Adjective
 - b. Verb
 - c. Noun
 - d. Adverb

The function word:

9. Her brother is ... smart students in the class.

- a. A
- b. That
- c. An
- d. The

10. My father put his bottle ... the table yesterday.

- a. In
- b. At
- c. On
- d. Behind

11. Putu and Ketut come to Kadek's home. They are accompanied by Roni.

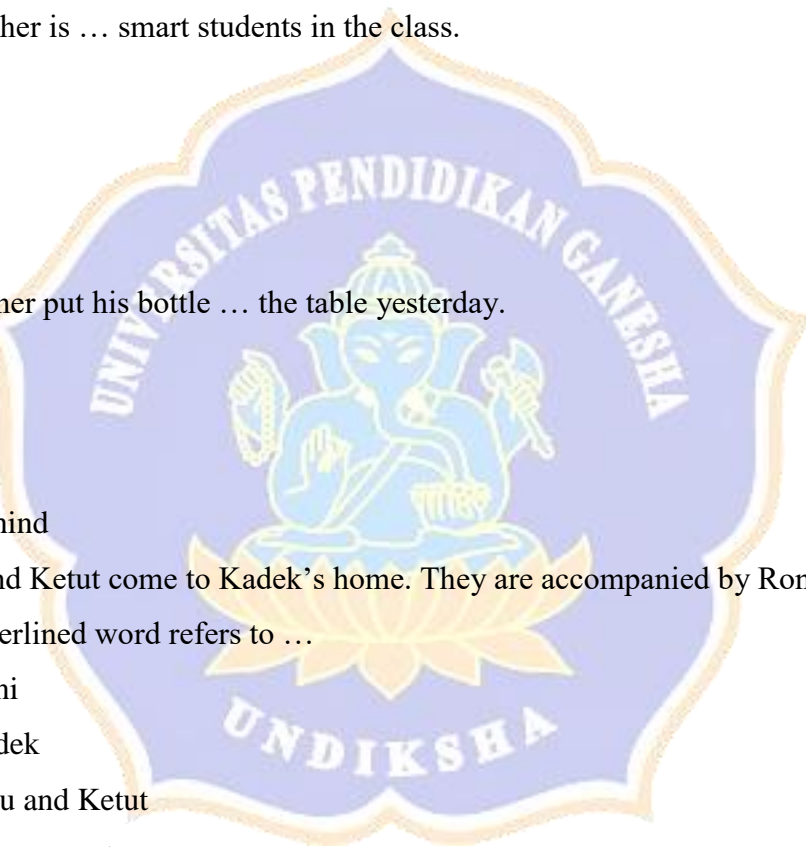
The underlined word refers to ...

- a. Roni
- b. Kadek
- c. Putu and Ketut
- d. a,b,c correct

12. The students of SMP Negeri 1 Lempuing Jaya are diligent and discipline. The word of "The" in the first sentence is ...

- a. Preposition
- b. Article
- c. Pronoun
- d. Adjective

13. Ratu : Where did you go last night?



Mayra : I went to sintya's house.

Ratu : What for?

Mayra : I went to her house because last night is ... birthday.

- a. His
- b. She
- c. Him
- d. Her

14. I have Civic Education and Mathematics ... Monday.

- a. In
- b. At
- c. On
- d. From

15. Is she ___ American?

- a. A
- b. An
- c. The
- d. From

16. Tino is ___ best student in our class.

- a. A
- b. An
- c. The
- d. From

17. It's ___ most expensive hotel in town

- a. The
- b. A
- c. By
- d. An

The use:

18. Its only two ticket left to join school annual vacation to Dunia Fantasi. You have to grab it



- a. slowly
- b. rapidly
- c. quickly
- d. speedy

19. Messi.....a football yesterday.

- a. Plays
- b. Playing
- c. Played
- d. Was played

The meaning:

20. Chiko has a big bag. He can put all his stuffs in it. The synonym of the underlined word is.....

- a. huge
- b. tiny
- c. wide
- d. long

21. In the break time, some students use it to play football in the school's field. They are very happy. It looks from their smiling face. The antonym of the underlined word is....

- a. Sad
- b. Worried
- c. Frightened
- d. Glad

22. Mr. John is a businessman. He sells clothes, shoes, and any other products by internet. The antonym of the underlined verb is

- a. Take
- b. Borrow
- c. Buy
- b. Give

23. My mother gives me a surprising present after I got the first rank in the school. I'm very happy for that. The antonym of the underlined word is....



- a. Takes
- b. Win
- c. Call
- d. Read

24. What is the opposite of short?

- a. Long
- b. Big
- c. Small
- e. Tall

25. Aryan has a fast movement. The underline word has similar meaning with...

- a. Energetic
- b. Powerful
- c. Quick
- d. Slow

26. This is a neat kitchen. The underline word has similar meaning with...

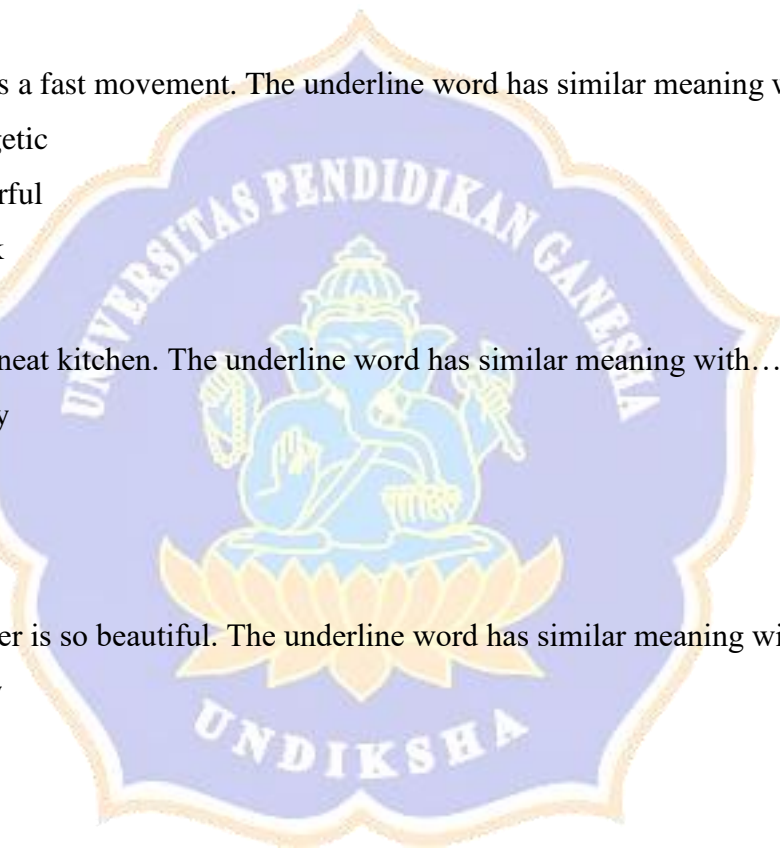
- a. Messy
- c. Dirty
- d. Big
- e. Tidy

27. My mother is so beautiful. The underline word has similar meaning with...

- a. Pretty
- b. Ugly
- c. Soft
- d. Bad

28. They always come on time. The word “come” has similar meaning with...

- a. Departure
- b. Sees
- c. Arrive
- d. Go



APPENDIX. 2 INSTRUMENT OF MOTIVATION

Type of motivation	Indicator	Number of item
Intrinsic Motivation	The students are doing assignment for their own satisfaction and pleasure	1, 2, 3, 4 1-8
External Regulation	The students are doing assignment to achieve the result or other external factor (reward or punishment) that they want to achieve.	5, 6, 7, 8,9,10,11
Introjected Motivation	The need to do assignment to get positive feelings or avoid negative feelings	12, 13, 14
Identified Regulation	The students are doing assignment that is considered important to achieve the goal	15, 16, 17, 18, 19, 20, 21,22
Integrated Regulation	The students are doing assignment according to their self-concept	23, 24, 25, 26

Directions:

1. Please read the statements below!
2. This questionnaire is written only for research purpose and collecting the data.
3. You are given 45 minutes to answer the statements.
4. This questionnaire does not influence your score.
5. You are required to give check list for the answer which represent yourself about motivation in writing.

SS: strongly agree

A: agree

N: neutral
 DA: disagree
 SDA: strongly disagree

Class :

Items:

No.	Statements	Descriptions				
		SA	A	N	DA	SDA
Intrinsic Motivation						
1	I feel satisfied because I can write in English. (Saya merasa puas karena saya bisa menulis dalam bahasa Inggris)					
2	I write in English because I feel happy to explain my ideas. (Saya menulis dalam bahasa Inggris karena saya merasa senang untuk menjelaskan ide-ide saya)					
3	I feel proud when I can write in English. (Saya merasa bangga ketika saya dapat menulis dalam bahasa Inggris)					
4	I like to write down my thoughts. (Saya suka menuliskan pemikiran saya)					
External Regulation						
5	I attend class so the teacher doesn't get mad at me. (Saya menghadiri kelas agar guru tidak marah kepada saya)					
6	I write in English because my teacher tells me to.					

	(Saya menulis dalam bahasa Inggris karena guru saya menyuruh saya)					
7	I study hard to keep my score from going down. (Saya belajar dengan giat agar nilai saya tidak turun)					
8	I complete a writing assignment even when it is difficult. (Saya menyelesaikan tugas menulis meskipun itu sulit)					
9	I want to get good grades to get a present from my parents. (Saya ingin mendapatkan nilai yang bagus untuk mendapatkan hadiah dari orang tua saya)					
10	My parents are proud of me when I get good grades. (Orang tua saya bangga kepada saya ketika saya mendapatkan nilai yang bagus)					
11	I get good grades to make my parents proud. (Saya mendapatkan nilai bagus untuk membuat orang tua saya bangga)					
Introjected Regulation						
12	Coming late for writing class makes me feel anxious. (Datang terlambat saat pelajaran menulis membuat saya merasa cemas)					
13	I put a lot of effort into my writing. (Saya berusaha keras dalam tulisan saya)					

14	<p>I feel worried if I have not completed the writing assignment given.</p> <p>(Saya merasa khawatir apabila saya belum menyelesaikan tugas menulis yang diberikan)</p>					
Identified Regulation						
15	<p>I practice writing in order to improve my skills.</p> <p>(Saya berlatih menulis untuk meningkatkan keterampilan saya)</p>					
16	<p>I study writing so I can pass the writing exam.</p> <p>(Saya belajar menulis agar saya dapat lulus ujian menulis)</p>					
17	<p>Becoming a better writer is important to me.</p> <p>(Menjadi penulis yang lebih baik penting bagi saya)</p>					
18	<p>Being a good writer will help me do well academically.</p> <p>(Menjadi penulis yang baik akan membantu saya melakukannya dengan baik secara akademis)</p>					
19	<p>I will buy books to improve my writing skills.</p> <p>(Saya akan membeli buku-buku untuk meningkatkan kemampuan menulis saya)</p>					
20	<p>Being a better writer will help me in my career.</p> <p>(Menjadi penulis yang lebih baik akan membantu saya dalam karir saya)</p>					

21	<p>Being a good writer is important in getting a good job.</p> <p>(Menjadi penulis yang baik adalah penting untuk mendapatkan pekerjaan yang baik)</p>					
Integrated Regulation						
22	<p>I write in English because it's important to me to do it well.</p> <p>(Saya menulis dalam bahasa Inggris karena penting bagi saya untuk melakukannya dengan baik)</p>					
23	<p>I would like to have more opportunities to write in classes.</p> <p>(Saya ingin memiliki lebih banyak kesempatan untuk menulis di kelas)</p>					
24	<p>Taking a writing class is my duty as a student.</p> <p>(mengikuti kelas menulis merupakan tugas saya sebagai seorang siswa)</p>					
25	<p>I want the highest grade in the class on a writing assignment.</p> <p>(Saya ingin nilai tertinggi di kelas pada tugas menulis)</p>					
26	<p>Completing writing assignment is my duty as a student.</p> <p>(Menyelesaikan tugas menulis merupakan tugas saya sebagai seorang siswa)</p>					

APPENDIX. 3 INSTRUMENT OF WRITING ABILITY

Blueprint for Writing Ability

Basic competency	Indicator	Test instructions	Requirements
Menyusun teks <i>recount</i> lisan dan tulis, pendek dan sederhana, tentang kegiatan, kejadian, peristiwa, dengan memperhatikan fungsi sosial, struktur teks, dan unsur kebahasaan yang benar dan sesuai konteks.	Students are able to write recount texts about past personal experiences by paying attention to social functions, text structures, and language feature correctly and in context.	Please create a text based on the topic that you have.	-The writing should consist of at least 6 to 12 sentences. -The writing should follow the generic structure of the text. -The writing should consider the aspects of writing. -Use appropriate tense.

TEST

Instruction!

1. Please create a recount text related to the topic that you have! The topic is about "Holiday".
(You need to follow every writing process)
2. The writing should consist of at least 6 sentences and 12 sentences maximally.
3. You are given 45 minutes to write a recount text.
4. The writing should follow the generic structure of the text.

In this task, you will be assessed in terms of:

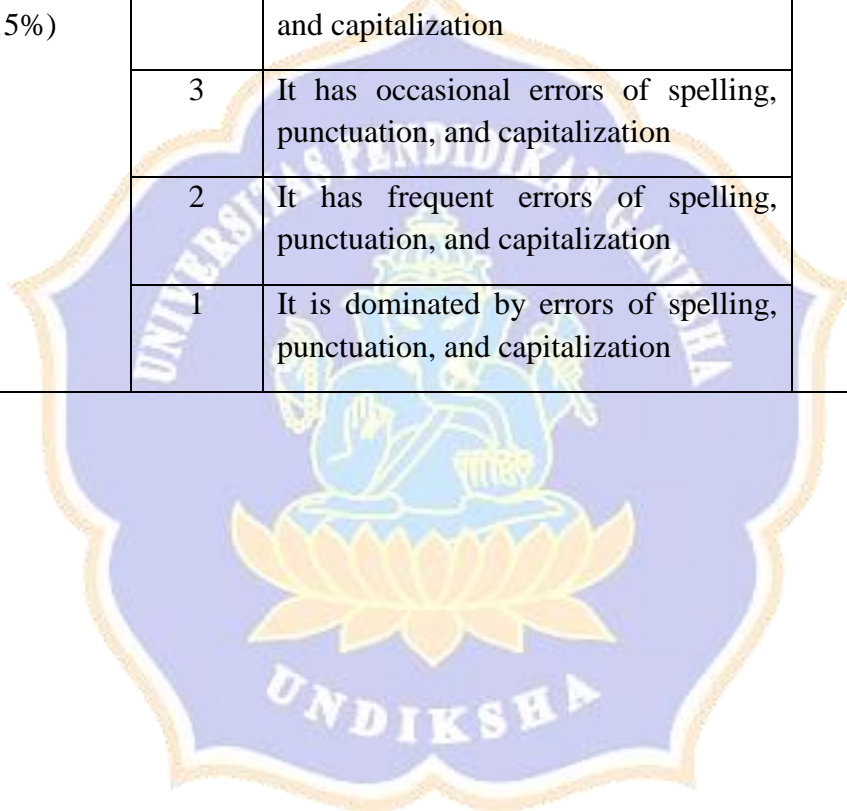
- a. Content : clear main ideas, focus on main idea, supporting main ideas with specific, appropriate details/example/reason/evidence.
- b. Organization : well-arranged, cohesion and coherent.
- c. Grammar : appropriate tenses, no jumbled words, word order, articles, pronoun, and preposition.

d. Vocabulary : appropriate choice of words.

e. Mechanics : capitalization, punctuation, spelling, and formatting.

Aspect	Score	Description	Weighting
Content (30%)	4	The ideas is complete and clear and details are relating to the topic	3
	3	The ideas is complete and clear but the details are almost relating to the topic	
	2	The ideas is complete and clear but the details are not relating to the topic	
	1	The ideas is not clear and the details are not relating to the topic	
Organization (20%)	4	Ideas are complete and description are arranged with proper connectives	2
	3	Ideas are almost complete and description are arranged with proper connectives	
	2	Ideas are not complete and description are arranged with few misuse of connectives	
	1	Ideas are not complete and description are arranged with misuse of connectives	
Grammar (20%)	4	Very few grammatical or agreement inaccuracies	2
	3	Few grammatical or agreement inaccuracies but not affect the meaning	
	2	Numerous grammatical or agreement inaccuracies	
	1	Frequent grammatical or agreement inaccuracies	

Vocabulary (15%)	4	Effective choice of words and words forms	1.5
	3	Few misuse of vocabularies, word forms, but not change the meaning	
	2	Limited range confusing words and word form	
	1	Very poor knowledge of words, words forms, and not understandable	
Mechanics (15%)	4	It uses correct spelling, punctuation, and capitalization	1.5
	3	It has occasional errors of spelling, punctuation, and capitalization	
	2	It has frequent errors of spelling, punctuation, and capitalization	
	1	It is dominated by errors of spelling, punctuation, and capitalization	



APPENDIX. 4 VALIDITY AND RELIABILITY

a. Validity and reliability (vocabulary mastery)

Link for validity and reliability analysis by using SPSS and data tabulation students' responses:

https://docs.google.com/spreadsheets/d/1BtrjKmoc0y9WR63HBGMwM7zoVfPp_hUTF/edit?usp=sharing&oid=117980679173444346085&rtpof=true&sd=true

- Validity test

No. Items	r table	r count	Validity	
1	0.361	0.453	Valid	
2	0.361	0.639	Valid	
3	0.361	0.420	Valid	
4	0.361	0.890	Valid	
5	0.361	0.360		Invalid
6	0.361	0.198		Invalid
7	0.361	0.641	Valid	
8	0.361	-0.015		Invalid
9	0.361	0.596	Valid	
10	0.361	0.495	Valid	
11	0.361	0.795	Valid	
12	0.361	0.339		Invalid
13	0.361	0.498	Valid	
14	0.361	0.453	Valid	
15	0.361	0.722	Valid	
16	0.361	0.716	Valid	
17	0.361	0.610	Valid	
18	0.361	0.110		Invalid
19	0.361	0.314		Invalid
20	0.361	0.215		Invalid
21	0.361	0.158		Invalid
22	0.361	0.793	Valid	
23	0.361	0.591	Valid	
24	0.361	0.505	Valid	

25	0.361	0.524	Valid	
26	0.361	0.696	Valid	
27	0.361	0.198		Invalid
28	0.361	0.249		Invalid
29	0.361	0.079		Invalid
30	0.361	0.339		Invalid
31	0.361	-0.007		Invalid
32	0.361	0.741	Valid	
33	0.361	-0.121		Invalid
34	0.361	-0.058		Invalid
35	0.361	0.027		Invalid
36	0.361	0.700	Valid	
37	0.361	-0.206		Invalid
38	0.361	0.454	Valid	
39	0.361	0.641	Valid	
40	0.361	0.704	Valid	
41	0.361	-0.109		Invalid
42	0.361	-0.092		Invalid
43	0.361	0.420	Valid	
44	0.361	-0.160		Invalid
45	0.361	0.696	Valid	
46	0.361	0.704	Valid	
47	0.361	0.704	Valid	
48	0.361	0.641	Valid	
49	0.361	0.027		Invalid
50	0.361	0.278		Invalid

- Reliability test

Reliability Statistics	
Cronbach's Alpha	N of Items
0.945	28

b. Validity and reliability (motivation)

Link for validity and reliability analysis by using SPSS and data tabulation of students' responses:

https://docs.google.com/spreadsheets/d/1HqavYvTu8hAMuegD6_TmHqtXL_64uk5v/edit?usp=sharing&oid=117980679173444346085&rtpof=true&sd=true

- Validity test

No. Items	r table	r count	Validity	
1	0.361	.489**	Valid	
2	0.361	0.244		Invalid
3	0.361	.540**	Valid	
4	0.361	.519**	Valid	
5	0.361	.377*	Valid	
6	0.361	0.077		Invalid
7	0.361	0.233		Invalid
8	0.361	0.357		Invalid
9	0.361	.511**	Valid	
10	0.361	.484**	Valid	
11	0.361	.371*	Valid	
12	0.361	.524**	Valid	
13	0.361	.603**	Valid	
14	0.361	.537**	Valid	
15	0.361	.556**	Valid	
16	0.361	0.300		Invalid
17	0.361	0.046		Invalid
18	0.361	0.314		Invalid
19	0.361	0.336		Invalid
20	0.361	0.161		Invalid
21	0.361	0.263		Invalid
22	0.361	.531**	Valid	
23	0.361	.503**	Valid	
24	0.361	.481**	Valid	
25	0.361	.668**	Valid	
26	0.361	.665**	Valid	
27	0.361	.635**	Valid	

28	0.361	0.024		Invalid
29	0.361	.556**	Valid	
30	0.361	.417*	Valid	
31	0.361	.676**	Valid	
32	0.361	.534**	Valid	
33	0.361	.415*	Valid	
34	0.361	0.234		Invalid
35	0.361	0.169		Invalid
36	0.361	0.274		Invalid
37	0.361	.384*	Valid	
38	0.361	.481**	Valid	
39	0.361	.652**	Valid	
40	0.361	.544**	Valid	

- Reliability test

Reliability Statistics	
Cronbach's Alpha	N of Items
0.903	26

c. Validity and reliability (writing ability)

Link for validity and reliability analysis by using SPSS and data tabulation of students' responses:

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- Validity test

No. Items	r table	r count	Validity
1	0.361	.859**	Valid
2	0.361	.859**	Valid
3	0.361	.688**	Valid
4	0.361	.815**	Valid
5	0.361	.655**	Valid

- Reliability test

Reliability Statistics	
Cronbach's Alpha	N of Items
0.830	5

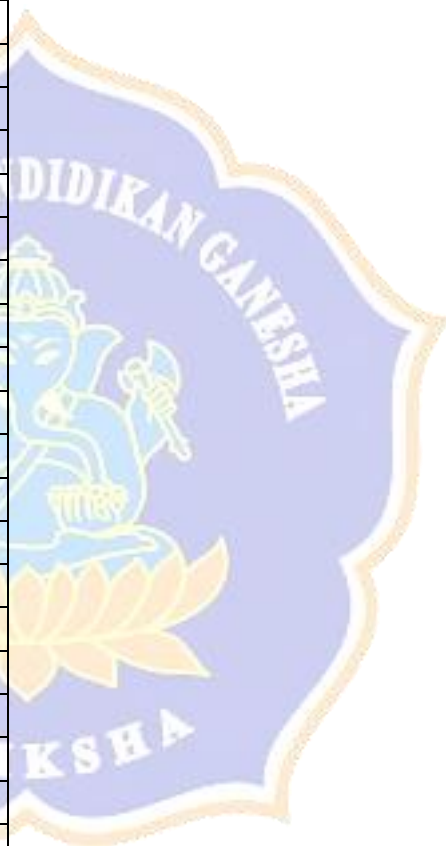
Appendix. 5 Research Data

Data Tabulation (Vocabulary Mastery)

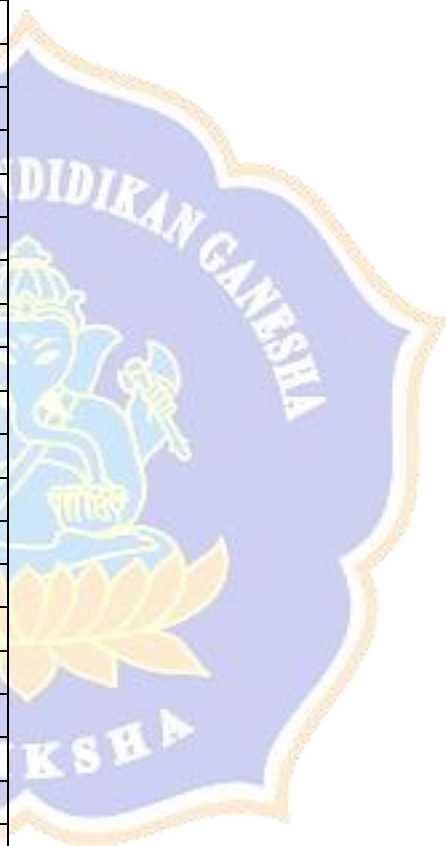
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No	Students	Final Score
1	Student 1	86
2	Student 2	82
3	Student 3	78
4	Student 4	78
5	Student 5	82
6	Student 6	71
7	Student 7	78
8	Student 8	78
9	Student 9	68
10	Student 10	82
11	Student 11	86
12	Student 12	86
13	Student 13	68
14	Student 14	82
15	Student 15	93
16	Student 16	68
17	Student 17	68
18	Student 18	71
19	Student 19	68
20	Student 20	68
21	Student 21	71
22	Student 22	75
23	Student 23	68
24	Student 24	86

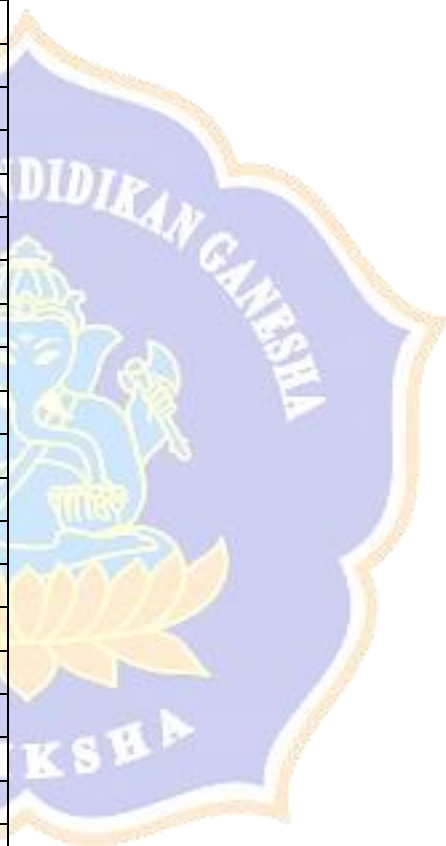
25	Student 25	68
26	Student 26	86
27	Student 27	78
28	Student 28	75
29	Student 29	71
30	Student 30	82
31	Student 31	93
32	Student 32	68
33	Student 33	75
34	Student 34	78
35	Student 35	82
36	Student 36	86
37	Student 37	75
38	Student 38	71
39	Student 39	68
40	Student 40	78
41	Student 41	82
42	Student 42	78
43	Student 43	82
44	Student 44	71
45	Student 45	68
46	Student 46	75
47	Student 47	93
48	Student 48	86
49	Student 49	68
50	Student 50	82
51	Student 51	89
52	Student 52	71
53	Student 53	89
54	Student 54	78
55	Student 55	89
56	Student 56	71
57	Student 57	68
58	Student 58	78
59	Student 59	68
60	Student 60	71
61	Student 61	71
62	Student 62	68
63	Student 63	71



64	Student 64	71
65	Student 65	82
66	Student 66	68
67	Student 67	68
68	Student 68	93
69	Student 69	75
70	Student 70	82
71	Student 71	78
72	Student 72	75
73	Student 73	68
74	Student 74	75
75	Student 75	86
76	Student 76	78
77	Student 77	68
78	Student 78	86
79	Student 79	68
80	Student 80	71
81	Student 81	78
82	Student 82	75
83	Student 83	68
84	Student 84	68
85	Student 85	75
86	Student 86	71
87	Student 87	68
88	Student 88	75
89	Student 89	82
90	Student 90	68
91	Student 91	75
92	Student 92	82
93	Student 93	71
94	Student 94	86
95	Student 95	68
96	Student 96	71
97	Student 97	78
98	Student 98	93
99	Student 99	68
100	Student 100	82
101	Student 101	78
102	Student 102	86



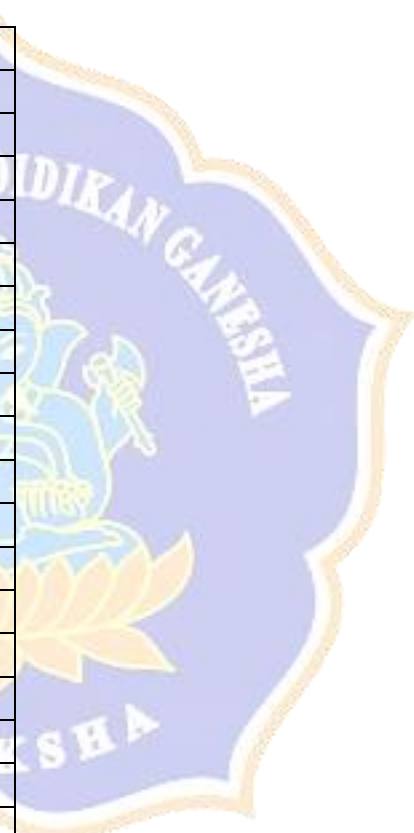
103	Student 103	71
104	Student 104	75
105	Student 105	68
106	Student 106	86
107	Student 107	71
108	Student 108	82
109	Student 109	75
110	Student 110	82
111	Student 111	78
112	Student 112	89
113	Student 113	75
114	Student 114	82
115	Student 115	86
116	Student 116	68
117	Student 117	78
118	Student 118	89
119	Student 119	78
120	Student 120	89
121	Student 121	75
122	Student 122	82
123	Student 123	71
124	Student 124	82
125	Student 125	78
126	Student 126	68
127	Student 127	82
128	Student 128	75
129	Student 129	68
130	Student 130	78
131	Student 131	71
132	Student 132	75
133	Student 133	89
134	Student 134	86
135	Student 135	71
136	Student 136	82
137	Student 137	89
138	Student 138	68
139	Student 139	78
140	Student 140	68
141	Student 141	75



142	Student 142	89
143	Student 143	75
144	Student 144	75
145	Student 145	82
146	Student 146	89
147	Student 147	93
148	Student 148	82
149	Student 149	75

Data Tabulation (Motivation)

No	Students	Score
1	Student 1	85
2	Student 2	85
3	Student 3	81
4	Student 4	78
5	Student 5	73
6	Student 6	78
7	Student 7	85
8	Student 8	76
9	Student 9	72
10	Student 10	81
11	Student 11	86
12	Student 12	89
13	Student 13	72
14	Student 14	80
15	Student 15	94
16	Student 16	60
17	Student 17	73
18	Student 18	84
19	Student 19	73
20	Student 20	78
21	Student 21	77
22	Student 22	73
23	Student 23	72
24	Student 24	91
25	Student 25	71
26	Student 26	84
27	Student 27	81



28	Student 28	77
29	Student 29	75
30	Student 30	81
31	Student 31	85
32	Student 32	68
33	Student 33	78
34	Student 34	79
35	Student 35	85
36	Student 36	81
37	Student 37	73
38	Student 38	79
39	Student 39	71
40	Student 40	84
41	Student 41	66
42	Student 42	79
43	Student 43	86
44	Student 44	76
45	Student 45	73
46	Student 46	77
47	Student 47	85
48	Student 48	77
49	Student 49	69
50	Student 50	93
51	Student 51	81
52	Student 52	73
53	Student 53	78
54	Student 54	79
55	Student 55	85
56	Student 56	79
57	Student 57	71
58	Student 58	81
59	Student 59	78
60	Student 60	78
61	Student 61	72
62	Student 62	79
63	Student 63	67
64	Student 64	73
65	Student 65	85
66	Student 66	70



67	Student 67	71
68	Student 68	81
69	Student 69	79
70	Student 70	71
71	Student 71	73
72	Student 72	73
73	Student 73	71
74	Student 74	75
75	Student 75	85
76	Student 76	85
77	Student 77	75
78	Student 78	82
79	Student 79	75
80	Student 80	80
81	Student 81	80
82	Student 82	77
83	Student 83	68
84	Student 84	67
85	Student 85	79
86	Student 86	79
87	Student 87	71
88	Student 88	79
89	Student 89	89
90	Student 90	75
91	Student 91	80
92	Student 92	83
93	Student 93	71
94	Student 94	98
95	Student 95	70
96	Student 96	78
97	Student 97	85
98	Student 98	85
99	Student 99	73
100	Student 100	85
101	Student 101	81
102	Student 102	85
103	Student 103	73
104	Student 104	79
105	Student 105	72



106	Student 106	81
107	Student 107	79
108	Student 108	81
109	Student 109	81
110	Student 110	84
111	Student 111	79
112	Student 112	91
113	Student 113	77
114	Student 114	84
115	Student 115	88
116	Student 116	78
117	Student 117	79
118	Student 118	84
119	Student 119	79
120	Student 120	85
121	Student 121	77
122	Student 122	84
123	Student 123	73
124	Student 124	77
125	Student 125	75
126	Student 126	71
127	Student 127	88
128	Student 128	77
129	Student 129	67
130	Student 130	76
131	Student 131	73
132	Student 132	79
133	Student 133	86
134	Student 134	88
135	Student 135	76
136	Student 136	81
137	Student 137	86
138	Student 138	73
139	Student 139	76
140	Student 140	71
141	Student 141	77
142	Student 142	84
143	Student 143	78
144	Student 144	77



145	Student 145	81
146	Student 146	88
147	Student 147	85
148	Student 148	88
149	Student 149	78

Data Tabulation (Writing Ability)

No	Students	Score
1	Student 1	82
2	Student 2	87
3	Student 3	85
4	Student 4	77
5	Student 5	80
6	Student 6	75
7	Student 7	87
8	Student 8	85
9	Student 9	72
10	Student 10	82
11	Student 11	90
12	Student 12	95
13	Student 13	77
14	Student 14	87
15	Student 15	95
16	Student 16	70
17	Student 17	77
18	Student 18	75
19	Student 19	75
20	Student 20	80
21	Student 21	82
22	Student 22	77
23	Student 23	75
24	Student 24	92
25	Student 25	72
26	Student 26	87
27	Student 27	85
28	Student 28	82
29	Student 29	77



30	Student 30	85
31	Student 31	95
32	Student 32	72
33	Student 33	85
34	Student 34	85
35	Student 35	87
36	Student 36	85
37	Student 37	80
38	Student 38	85
39	Student 39	80
40	Student 40	87
41	Student 41	77
42	Student 42	75
43	Student 43	87
44	Student 44	82
45	Student 45	75
46	Student 46	80
47	Student 47	90
48	Student 48	92
49	Student 49	72
50	Student 50	87
51	Student 51	87
52	Student 52	77
53	Student 53	87
54	Student 54	80
55	Student 55	87
56	Student 56	77
57	Student 57	75
58	Student 58	82
59	Student 59	77
60	Student 60	82
61	Student 61	75
62	Student 62	80
63	Student 63	75
64	Student 64	80
65	Student 65	85
66	Student 66	80
67	Student 67	72
68	Student 68	87



69	Student 69	82
70	Student 70	80
71	Student 71	85
72	Student 72	77
73	Student 73	80
74	Student 74	75
75	Student 75	87
76	Student 76	87
77	Student 77	77
78	Student 78	87
79	Student 79	80
80	Student 80	82
81	Student 81	85
82	Student 82	80
83	Student 83	72
84	Student 84	79
85	Student 85	80
86	Student 86	82
87	Student 87	75
88	Student 88	82
89	Student 89	87
90	Student 90	77
91	Student 91	80
92	Student 92	85
93	Student 93	77
94	Student 94	90
95	Student 95	72
96	Student 96	80
97	Student 97	87
98	Student 98	87
99	Student 99	80
100	Student 100	90
101	Student 101	86
102	Student 102	87
103	Student 103	75
104	Student 104	80
105	Student 105	77
106	Student 106	85
107	Student 107	82



108	Student 108	87
109	Student 109	87
110	Student 110	87
111	Student 111	82
112	Student 112	92
113	Student 113	80
114	Student 114	85
115	Student 115	90
116	Student 116	80
117	Student 117	82
118	Student 118	87
119	Student 119	82
120	Student 120	90
121	Student 121	80
122	Student 122	85
123	Student 123	77
124	Student 124	80
125	Student 125	80
126	Student 126	75
127	Student 127	87
128	Student 128	80
129	Student 129	70
130	Student 130	77
131	Student 131	75
132	Student 132	82
133	Student 133	90
134	Student 134	87
135	Student 135	80
136	Student 136	85
137	Student 137	90
138	Student 138	75
139	Student 139	80
140	Student 140	75
141	Student 141	82
142	Student 142	87
143	Student 143	85
144	Student 144	80
145	Student 145	85
146	Student 146	92



147	Student 147	95
148	Student 148	87
149	Student 149	82



APPENDIX. 6 NORMALITY TEST

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		149
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	2.53632390
Most Extreme Differences	Absolute	.063
	Positive	.063
	Negative	-.055
Test Statistic		.063
Asymp. Sig. (2-tailed)		.200 ^{c,d}

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.



APPENDIX. 7 LINEARITY TEST

1. Vocabulary mastery

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Writing * Vocabulary	149	100.0%	0	0.0%	149	100.0%
Writing * Motivation	149	100.0%	0	0.0%	149	100.0%

Report

Writing				
Vocabulary	Mean	N	Std. Deviation	
68	75.78	32	3.280	
71	78.67	21	3.215	
75	80.82	22	2.684	
78	82.90	21	3.632	
82	84.96	23	3.111	
86	88.29	14	3.407	
89	88.90	10	2.132	
93	91.50	6	3.987	
Total	82.04	149	5.653	

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Writing * Vocabulary	Between Groups	(Combined)	3290.327	7	470.047	46.044	.000
		Linearity	3262.610	1	3262.610	319.590	.000
		Deviation from Linearity	27.717	6	4.619	.452	.842
	Within Groups		1439.431	141	10.209		
Total			4729.758	148			

Measures of Association

	R	R Squared	Eta	Eta Squared
Writing * Vocabulary	.831	.690	.834	.696

2. Motivation

Report

Writing

Motivation	Mean	N	Std. Deviation
60	70.00	1	.
66	77.00	1	.
67	74.67	3	4.509
68	72.00	2	.000
69	72.00	1	.
70	76.00	2	5.657
71	76.10	10	3.071
72	75.20	5	2.049
73	77.67	15	2.845
75	77.67	6	1.966
76	80.80	5	2.950
77	81.64	11	3.557
78	80.91	11	3.754
79	81.13	16	2.527
80	83.50	4	3.109
81	85.21	14	1.626
82	87.00	1	.
83	85.00	1	.
84	85.00	8	4.140
85	88.13	16	3.304
86	89.25	4	1.500
88	88.60	5	2.302
89	91.00	2	5.657
91	92.00	2	.000
93	87.00	1	.
94	95.00	1	.
98	90.00	1	.



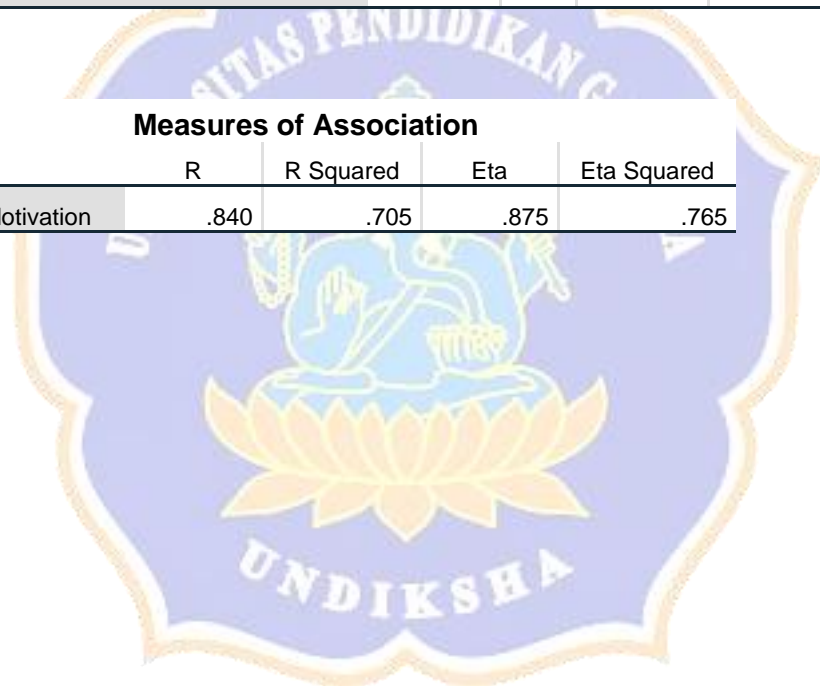
Total	82.04	149	5.653
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ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Writing * Motivation	Between Groups	(Combined)	3617.663	26	139.141	15.264	.000
		Linearity	3334.455	1	3334.455	365.799	.000
		Deviation from Linearity	283.208	25	11.328	1.243	.217
	Within Groups		1112.095	122	9.116		
	Total		4729.758	148			

Measures of Association

	R	R Squared	Eta	Eta Squared
Writing * Motivation	.840	.705	.875	.765



APPENDIX. 8 AUTOCORRELATION TEST

Variables Entered/Removed^a

Model	Variables	Variables	Method
	Entered	Removed	
1	Motivation, Vocabulary ^b	.	Enter

a. Dependent Variable: Writing

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.894 ^a	.799	.796	2.554	1.955

a. Predictors: (Constant), Motivation, Vocabulary

b. Dependent Variable: Writing

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3777.683	2	1888.842	289.652	.000 ^b
	Residual	952.075	146	6.521		
	Total	4729.758	148			

a. Dependent Variable: Writing

b. Predictors: (Constant), Motivation, Vocabulary

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	19.755	2.665		7.413	.000
	Vocabulary	.351	.043	.460	8.244	.000
	Motivation	.448	.050	.496	8.887	.000

a. Dependent Variable: Writing

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	70.49	94.49	82.04	5.052	149
Residual	-7.509	7.580	.000	2.536	149
Std. Predicted Value	-2.286	2.464	.000	1.000	149
Std. Residual	-2.941	2.968	.000	.993	149

a. Dependent Variable: Writing



APPENDIX. 9 MULTICOLLINEARITY TEST

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Motivation, Vocabulary ^b		Enter

a. Dependent Variable: Writing

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.894 ^a	.799	.796	2.554

a. Predictors: (Constant), Motivation, Vocabulary

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3777.683	2	1888.842	289.652	.000 ^b
	Residual	952.075	146	6.521		
	Total	4729.758	148			

a. Dependent Variable: Writing

b. Predictors: (Constant), Motivation, Vocabulary

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	19.755	2.665		7.413	.000		
	Vocabulary	.351	.043	.460	8.244	.000	.443	2.260
	Motivation	.448	.050	.496	8.887	.000	.443	2.260

a. Dependent Variable: Writing

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Vocabulary	Motivation
1	1	2.994	1.000	.00	.00	.00
	2	.005	25.233	.80	.31	.02
	3	.002	40.901	.20	.69	.98

a. Dependent Variable: Writing



APPENDIX. 10 HETEROCEDASTICITY TEST

Variables Entered/Removed^a

Model	Variables	Variables	Method
	Entered	Removed	
1	Motivation, Vocabulary ^b	.	Enter

a. Dependent Variable: Abs_Res

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.066 ^a	.004	-.009	1.62876

a. Predictors: (Constant), Motivation, Vocabulary

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.700	2	.850	.320	.726 ^b
	Residual	387.320	146	2.653		
	Total	389.020	148			

a. Dependent Variable: Abs_Res

b. Predictors: (Constant), Motivation, Vocabulary

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.877	1.700		1.693	.093
	Vocabulary	-.017	.027	-.080	-.644	.521
	Motivation	.005	.032	.020	.164	.870

a. Dependent Variable: Abs_Res

APPENDIX. 11 LINEAR REGRESSION

1. vocabulary

Variables Entered/Removed^a

Model	Variables	Variables	Method
	Entered	Removed	
1	Vocabulary ^b	.	Enter

a. Dependent Variable: Writing

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.831 ^a	.690	.688	3.159

a. Predictors: (Constant), Vocabulary

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3262.610	1	3262.610	326.895	.000 ^b
	Residual	1467.148	147	9.981		
	Total	4729.758	148			

a. Dependent Variable: Writing

b. Predictors: (Constant), Vocabulary

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	33.205	2.713		12.237	.000
	Vocabulary	.633	.035	.831	18.080	.000

a. Dependent Variable: Writing

2. Motivation

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Motivation ^b	.	Enter

a. Dependent Variable: Writing

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.840 ^a	.705	.703	3.081

a. Predictors: (Constant), Motivation

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3334.455	1	3334.455	351.296	.000 ^b
	Residual	1395.303	147	9.492		
	Total	4729.758	148			

a. Dependent Variable: Writing

b. Predictors: (Constant), Motivation

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	22.414	3.191		7.023	.000
	Motivation	.758	.040	.840	18.743	.000

a. Dependent Variable: Writing

APPENDIX. 12 MULTIPLE REGRESSION

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	Motivation, Vocabulary ^b	.	Enter

a. Dependent Variable: Writing

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.894 ^a	.799	.796	2.554

a. Predictors: (Constant), Motivation, Vocabulary

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3777.683	2	1888.842	289.652	.000 ^b
	Residual	952.075	146	6.521		
	Total	4729.758	148			

a. Dependent Variable: Writing

b. Predictors: (Constant), Motivation, Vocabulary

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	19.755	2.665		7.413	.000
	Vocabulary	.351	.043	.460	8.244	.000
	Motivation	.448	.050	.496	8.887	.000

a. Dependent Variable: Writing

