



ANALYSIS OF ELEMENTARY SCHOOL STUDENTS' ACHIEVEMENT IN SOLVING MULTIPLICATION PROBLEMS AT SDN 029 CILENGKRANG

**SARAH ANIDA PUTRI, SITI MARYAM ROHIMAH,
YUSUP NURDIANSAH, SALMA NUR ANAYA**

UNIVERSITAS PASUNDAN, BANDUNG, INDONESIA

INTRODUCTION

Around 71% of student in Indonesia pupils do not reach a minimum level of mathematical competency (OECD 2018).

previous research by Isnaini, Cahyadi, and Damayani (2021), students' mistakes in completing problem solving questions on multiplication arithmetic operations material

The aim of this research is to Analysis of Elementary School Students' Achievement in Solving Multiplication Problems at SDN 029 Cilengkrang

METHODOLOGY

As a study case, the research is descriptive and analytical.

This study was conducted in 25 fourth-grade student at SDN 029 Cilengkrang.

test data collection techniques in the form of 5 question items explained to students and data analyzed from student answers,

RESULTS & DISCUSSION

Table 2. Ability Level Student

Mark	Lots of it Student	Ability Level
90	2	Tall
85	1	Tall
80	3	Tall
75	6	Currently
70	2	Currently
65	3	Currently
60	1	Currently
55	3	Low
50	1	Low
45	1	Low
40	1	Low



Table 3. Percentage Ability Level Student

Ability Level	Lots of it Student	Percentage
Tall	6	28 %
Currently	12	48 %
Low	7	24 %

From the questions given, you can see the answer to one of these questions is as follows :


<p>3. Ada 6 biskuit tiap kotak.</p>  <p>Tulislah bentuk perkalian yang tepat untuk mendapatkan banyaknya semua biskuit.</p> <p>a. Bilangan berapakah yang kita kalikan dengan 6 untuk memperoleh hasilnya? <u>5×6</u></p>	<p>b. Ada berapa banyak biskuit semuanya? <u>30 biskuit</u></p>
--	---

Figure 1. Answers Student Class 4 with High Ability
Translate: a. 5×6 , b. 30 biscuits


<p>3. Ada 6 biskuit tiap kotak.</p>  <p>Tulislah bentuk perkalian yang tepat untuk mendapatkan banyaknya semua biskuit.</p> <p>a. Bilangan berapakah yang kita kalikan dengan 6 untuk memperoleh hasilnya? <u>lima dikali lima</u></p>	<p>b. Ada berapa banyak biskuit semuanya? <u>tiga puluh</u></p>
---	---

Figure 2. Answers Student Class 4 with Medium Ability
Translate: a. *six times five*, b. *thirty*

3. Ada 6 biskuit tiap kotak.



Tuliskan bentuk perkalian yang tepat untuk mendapatkan banyaknya semua biskuit.

a. Bilangan berapakah yang kita kalikan dengan 6 untuk memperoleh hasilnya?

$6 \times 2 = 12$

b. Ada berapa banyak biskuit semuanya?

12

Figure 3. Answers Student Class 4 with Ability Low
Translate: a. $6 \times 2 = 12$, b. 12

CONCLUSION & SUGGESTION

Conclusion : There were 12 students at SDN 029 Cilengkrang who experienced low level difficulties in solving story problems related to multiplication with difficulties starting from not understanding the questions, having difficulty changing story problems into mathematical models, being formula oriented, not understanding the concept, and not finding the right way.

suggestions :

- 1.** Teachers are expected to provide practice questions, descriptions, or story background concerning solution multiplication in order for pupils to acquire acclimated to and competent of regulating real-world situations.
- 2.** In future research, teachers can use learning media-based applications, one of which is application phet. As a result, the findings of this study must be addressed in the ensuing learning process.

**THANK
YOU VERY
MUCH!**

