**Below are the transcribed data for the (20) learners that went through the interview**

**Learner 1 (L1) from school A on question 1**

R: “Restate the problem in Question 1 in your own words.”

*L1: “The question asks me to find the test marks of Frans and his friend Meke. In the mathematics test that they took, Frans scored two more points than Meke.”*

R: “How did you approach the problem?”

*L1: “First I read the question to understand what is being asked. Then, I look for the important pieces of information in the problem to use them. From there, I try to solve the problem.”*

*R: “What did you do to solve the problem statement?”*

*L1: I just read and solve the problem.*

R: “Are there any steps that you know or used to solve Problem 1?”

*L1: I used the data given in the problem*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L1: I rarely do rechecking on my work, because it keep me get solving one question for along times.*

**Learner 2 (L2) from school A on question 4**

R: “Restate the problem in Question 4 in your own words.”

*L2: “If Natalia doubled a number, she would subtract six from the results she got, divide everything by two, and her answer would be quotient 20. What number was Natalia thinking of?”*

R: “How did you approach the problem?”

*L2: “I gathered all the information and put them together.”*

R: “What did you do to solve the problem statement?”

*L2: I used my own calculation.*

R: “Are there any steps that you know or used to solve Problem 4?”

*L2: As I have said before that I always solve the given problem.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L2: Rechecking make me erase my correct answer, it just make me spend more time on one problem, that’s why I don’t consider it at all.*

**Learner 3 (L3) from school B on question 3**

R: “Restate the problem in Question 3 in your own words.”

*L3: “It says a 1-litre bottle of mango juice cost N$2.00 more than a 1-litre bottle of strawberry juice, and a total of eight bottles of mango juice cost N$78.00. What is the price of one bottle of each juice?”*

R: “How did you approach the problem?”

*L3: “I read and reread the problem over and over, then I gathered the information to create an equation that I used to solve the problem.”*

R: “What did you do to solve the problem statement?”

*L3: I always try to come up with equation that I use to solve a given problem.*

R: “Are there any steps that you know or used to solve Problem 3?”

*L3: “I only work out the two equations that I derived from the problem.”*

R: “How?”

*L3: “I substitute one problem into another problem then I solve them.”*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L3: Rechecking takes up much time, that’s why I don’t follow it.*

**Learner 4 (L4) from school B on question 4**

R: “Restate the problem in Question 4 in your own words.”

*L4: “If Natalia doubled a number, she would subtract six from the results she got, divide everything by two, and her answer would be quotient 20. What number was Natalia thinking of?”*

R: “How did you approach the problem?”

*L4: “Sir, I just followed the steps in the problem, one after the other, until I got a formula.”*

R: “What did you do to solve the problem statement?”

*L4: I came up with a formulae that I derived from the information that I got from the problem*

R: “Are there any steps that you know or used to solve Problem 4?”

*L4: I don’t do any steps but I only do my work to solve the problem.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L4: Not at all I don’t do rechecking because it waste time*

**Learner 5 (L5) from school C on question 5**

R: “Restate the problem in Question 5 in your own words.”

*L5: let me try, sir. If you give a correct answer in a physics quiz, then you will be awarded two marks. If a question is not answered or the answer is wrong, then you will be awarded one mark. The quiz contains ten questions. Hafo-Letu was awarded 8 marks all together. How many questions did Hafo-Letu answer correctly?*

R: “How did you approach the problem?”

*L5: “I read the question and group all the information that are in the question then I come up with the formulae since we were not given any formulae to use.”*

R: “What did you do to solve the problem statement?”

*L1: I compare the information in the problem.*

R: “Are there any steps that you know or used to solve Problem 5?”

*L5: I just solve the question with the information given.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L5: I do my rechecking because it helps me do my work correctly.*

**Learner 6 (L6) from school C on question 3**

R: “Restate the problem in Question 3 in your own words.”

*L6: “It stated that a 1-litre bottle of mango juice cost N$2.00 more than a 1-litre bottle of strawberry juice, and a total of eight bottles of mango juice cost N$78.00. What is the price of one bottle of each juice?”*

R: “How did you approach the problem?”

*L6: “I only read the problem.”*

R: “What did you do to solve the problem statement?”

*L6: I just gathered my information and came up with a formula of what is given and what is asked by the question. I came up with a formula because I was given an unknown variable in the problem, wherein most questions have more than one unknown. So to solve the problem, I decided to come up with a formula.*

R: “Are there any steps that you know or used to solve Problem 3?”

*L6: I just solve the problem am given and that’s all.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L6: Rechecking bring confusion because it will make you erase your correct work.*

**Learner 7 (L7) from school D on question 2**

R: “Restate the problem in Question 2 in your own words.”

*L7: “The statement says, ‘the father is 3 times bigger than his own son, while the daughter is younger than the son by 3 years. What is their age now, if 3 years ago their total age was 63?”*

R: “How did you approach the problem?”

*L7: “This question was tough, sir. I came up with a table to fit in the age of 3 years ago and the present age; then, I did my calculation.”*

R: “What did you do to solve the problem statement?”

*L7: I came up with table where I have insert in the information and then formulate equation from the information in the given problem.*

R: “Are there any steps that you know or used to solve Problem 2?”

*L7: I don’t know any step, I only do my calculation.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L7: I used rechecking because it help me to know the right procedure to follow.*

**Learner 8 (L8) from school D on question 5**

R: “Restate the problem in Question 5 in your own words.”

*L8: In a physics quiz Hafo-Letu get 2 points for each correct answer. If a question is not answered or the answer is wrong, 1 point is subtracted from your score. The quiz contains ten questions. Hafo-Letu received 8 points in total. How many questions did Hafo-Letu answer correctly?*

R: “How did you approach the problem?”

*L8: “meaning what sir?”*

R: “What did you do in order to solve the problem correctly?”

*L8: “I read and read the problem.”*

R: “What did you do to solve the problem statement?”

*L8: “I only read the question and solved it.”*

R: “But what did you use to solve that given question?”

*L8: “I don’t understand, sir.”*

R: “Did you perhaps use a formula?”

*L8: “No, there were no formulae given, which made it difficult for me.”*

R: “Are there any steps that you know or used to solve Problem 5?”

*L8: I don’t use any step, I only do my calculation straight forward.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L8: I always recheck my work because it helps me to find mistake in my answers and motivate me to recalculate my things if the answers are wrong.*

**Learner 9 (L9) from school E on question 6**

R: “Restate the problem in Question 6 in your own words.”

*L9: “The children at Tulukeni’s farm counted 70 heads of chickens and 200 legs of goats. The question asked how many chickens and goats there are all together at the farm.”*

R: “How did you approach the problem?”

*L9: “What do you mean by saying approach, sir?”*

R: “What did you do in order to solve the problem correctly?”

*L9: “I am not sure if I am correct or not, but I just read the question and started working on it.”*

R: “What did you do to solve the problem statement?”

L9: I just solve the problem once I read it.

R: “Are there any steps that you know or used to solve Problem 6?”

*L9: I solved the question.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L9: “I don’t do rechecking, sir.”*

R: “Why?”

*L9: “Because, since we were taught about rechecking, I have never seen my teacher award marks for that, even though my answers are correct. Therefore, I cannot waste the limited time I am given with the rechecking.”*

**Learner 10 (L10) from school E on question 4**

R: “Restate the problem in Question 4 in your own words.”

*L10: “If Natalia doubled the number, then she subtracted six from the results, then divide everything by two to get a quotient 20. What number was Natalia thinking of?”*

R: “How did you approach the problem?”

*L10: “I came up with a formulae from the information I was given in the question.”*

R: “What did you do to solve the problem statement?”

*L10: I came up with a formulae that I derived from the information that I got from the problem. I just followed all the steps*

R: “Are there any steps that you know or used to solve Problem 4?”

*L10: I only read and solve the given problem.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L10: I like rechecking as it motivate me to do more calculations.*

**Learner 11 (L11) from school F on question 2**

R: “Restate the problem in Question 2 in your own words.”

*L11: “The statement said, ‘the father is 3 times bigger than his son, and the daughter is 3 years smaller than the son. If 3 years ago their total age was 63, what is their age now?”*

R: “How did you approach the problem?”

*L11: “I came up with a table to fit in the age of 3 years ago and the present age; then, I did my calculation, which am sure they were wrong.”*

R: “What did you do to solve the problem statement?”

*L11: I start solving the problem*

R: “Are there any steps that you know or used to solve Problem 2?”

*L11: “I just did my calculation.”*

R: “But how did you just do your calculation if the problems are in words?”

*L11: “I just guessed by putting the numbers on one side and the letter (variables) on the other side of the equal sign.”*

R: “Did you not use an equation?”

*L11: “Equation from where? No, there was no equation given in my paper.”*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L11: Since small grades I was never awarded marks for rechecking, it just waste time and no marks are awarded for it.*

**Learner 12 (L12) from school F on question 6**

R: “Restate the problem in Question 6 in your own words.”

*L12: “Tulukeni’s son at the farm counted 70 heads of chickens and the girl counted 200 legs of goats. The question asked how many chickens and goats there are all together at the farm.”*

R: “How did you approach the problem?”

*L12: “What is an approach sir?”*

R: “What did you do in order to solve the problem correctly?”

*L12: “I just read the question to understand it and started working on it.”*

R: “Are there any steps that you know or used to solve Problem 6?”

*L12: I use the formulae to do my calculation*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L12: I don’t like rechecking because it consume a lot of time.*

**Learner 13 (L13) from school G on question 2**

R: “Restate the problem in Question 2 in your own words.”

*L13: “The father is 3 times bigger than his own son, while the daughter is younger than the son by 3 years. What is their present age, if their age each was 63?”*

R: “How did you approach the problem?”

*L13: “This question was a little tricky. I came up with a table so that I can generate the formulae for calculating the age for each of them.”*

R: “What did you do to solve the problem statement?”

*L13: I tried to come up with a table where I inserted the information that could led me to the formulae.*

R: “Are there any steps that you know or used to solve Problem 2?”

*L14: I used the table and solve the problem.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L14: Rechecking takes up more time, you will not finish your work if you are doing rechecking.*

**Learner 14 (L14) from school G on question 3**

*R*: “Restate the problem in Question 3 in your own words.”

*L14: “It says a 1-litre bottle of mango juice cost N$2.00 more than a 1-litre bottle of strawberry juice, and a total of eight bottles of mango juice cost N$78.00. What is the price of one bottle of each juice?”*

R: “How did you approach the problem?”

*L14: “I gathered the information to create an equation that I used to solve the problem.”*

R: “What did you do to solve the problem statement?”

*L14: I just substitute the value I got from the problem into the given problem, then I did my calculation.*

R: “Are there any steps that you know or used to solve Problem 3?”

*L14: I solved the problem the way I understand it.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L14: I like rechecking, it help me to revise my work.*

**Learner 15 (L15) from school H on question 1**

R: “Restate the problem in Question 1 in your own words.”

*L15: “The question said Frans and Meke wrote a test, then it required me to find the test marks of Frans and Meke. Frans scored two more marks than Meke.”*

R: “What did you do to solve the problem statement?”

*L15: I just did my calculation and get the answer!*

R: “Are there any steps that you know or used to solve Problem 1?”

*L15: I just calculate the answer by quessing*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L15: Well! I always do the rechecking of my work because it helps me to go back and see how I did my work. Rechecking is like footsteps that can be traced back. I always try to do my rechecking so that my work can have a meaningful solution.*

**Learner 16 (L16) from school H on question 4**

R: “Restate the problem in Question 4 in your own words.”

*L16: “If Natalia doubled a number, she would subtract six from the results she got, divide everything by two, and her answer would be quotient 20. What number was Natalia thinking of?”*

R: “How did you approach the problem?”

*L16: “I followed the steps given in the problem, until I come up with a formula.”*

R: “What did you do to solve the problem statement?”

*L16: I used my formulae that I generated from the problem.*

R: “Are there any steps that you know or used to solve Problem 4?”

*L16: I plug the numbers from the question (problem) into the formulae*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L16: “I like rechecking, sir, and I always do it because it makes me want to go back to my work and fix it if I see that it wasn’t solved well. Also, if my work is wrong, I will definitely try to fix it and get the right one.”*

**Learner 17 (L17) from school I on question 3**

R: “Restate the problem in Question 3 in your own words.”

*L17: “It says a 1-litre bottle of mango juice cost N$2.00 more than a 1-litre bottle of strawberry juice, and a total of eight bottles of mango juice cost N$78.00. What is the price of one bottle of each juice?”*

R: “How did you approach the problem?”

*L17: “I added the prices together gathered to come up with the appropriately formulae.”*

R: “What did you do to solve the problem statement?”

*L17: I read the problem until I understand it, then solve the problem.*

R: “Are there any steps that you know or used to solve Problem 3?”

*L17: I used the formulae that I have come up with from the word problem that I was given.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L17: I don’t like rechecking because it confusion when am doing my calculation.*

**Learner 18 (L18) from school I on question 6**

R: “Restate the problem in Question 1 in your own words.”

*L18: “The children at Tulukeni’s farm counted 70 heads of chickens and 200 legs of goats. The question asked how many chickens and goats there are all together at the farm.”*

R: “How did you approach the problem?”

*L18: “I am not sure if I am correct or not, but I just read the question, collect the information and started working on it.”*

R: “What did you do to solve the problem statement?”

*L18: I only did my calculation, after I read the problem.*

R: “Are there any steps that you know or used to solve Problem 6?”

*L18: “I only calculated according to my own understanding; those questions are difficult to be honest.”*

R: “You did not come up with an equation to solve the problem?”

*L18: “As I said, the questions are difficult as they are just in words and no formula given.”*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L18: Rechecking does not contribute to the marks, so I didn’t want to waste time with rechecking when I know it will not contribute to my marks.*

**Learner 19 (L19) from school J on question 1**

R: “Restate the problem in Question 1 in your own words.”

*L19: “The question said Frans and Meke wrote a test, then it asked me to find the test marks of Frans and his friend Meke. Frans scored two more points than Meke in the test they took.”*

R: “How did you approach the problem?”

*L19: I only read the question and solve the problem.*

R: “What did you do to solve the problem statement?”

*L19: I just read and solve the given problem.*

R: “Are there any steps that you know or used to solve Problem 1?”

*L19: I did not follow any step because there wasn’t any steps given.*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L19: I get confuse if I think of rechecking.*

**Learner 20 (L20) from school J on question 5**

R: “Restate the problem in Question 5 in your own words.”

*L20: I cannot, sir. I don’t understand Question 5. This question is too tricky. I have tried to read and reread to understand what it’s asking me to do, but I don’t understand it. Since the question is saying how many questions did Hafo-Letu answer correctly, yet it already said that Hafo-Letu got 8 points, I seriously don’t understand this question. (L20)*

R: “How did you approach the problem?”

*L20: “I only read the question. Once I realised the question was tricky, I just tried my best to do some calculations. I'm just not sure if it’s correct or not.”*

R: “What did you do to solve the problem statement?”

*L20: “I tryied to read and read the question in order to understand it and solve it.”*

R: “Are there any steps that you know or used to solve Problem 5?”

*L20: “I have just tried to do some calculations so that I don’t leave the question not answered.”*

R: “But what steps or what method did you use to do the calculation you have mention?”

*L20: “Sir as I have told you the question was difficult, I only used the numbers given in the question.”*

R: “Based on what you have written in your test paper, what can you say about looking back (rechecking)?”

*L20: I don’t recheck because rechecking just confuses people. Sometimes you can come up with your own wrong formulae, and after getting a wrong answer from a wrong formula, you go back and recheck. The answer will look correct, but in reality, it is wrong. Therefore, I try not to do rechecking to avoid confusing myself. (L20)*