

UGANDA NATIONAL EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATION

2022

MATHEMATICS

Time Allowed: 2 hours 30 minutes

	Random No.	Personal No.	
Candidate's	Name: Marking guig	£	
Candidate's	Signature:		
District ID	No.		

Read the following instructions carefully:

- Do not write your school or district name anywhere on this paper.
- This paper has two sections: A and B.
 Section A has 20 questions and section B has 12 questions. The paper has 15 printed pages.
- Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
- All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than on graphs and diagrams will not be marked.
- No calculators are allowed in the examination room.
- Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
- 7. Do not fill anything in the table indicated: "FOR EXAMINERS' USE ONLY" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY				
Qn. No.	MARKS	EXR'S NO.		
1-5				
6 - 10				
11 - 15				
16 - 20				
21 - 22			-	
23 - 24				
25 - 26				
27 - 28			-	
29 - 30				
31 - 32				
TOTAL				

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Turn Over

SECTION A: 40 MARKS

Answer all the questions in this section.

Questions 1 to 20 carry two marks each.

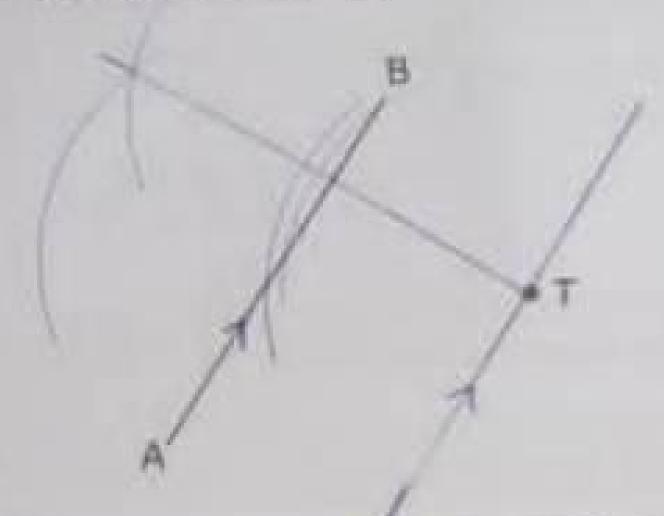
Write 546 in Roman numerals.

Given that
$$PuQ = \{1, 2, 3, 4, 5, 6, 7, 8\}$$
, $PnQ = \{1, 4, 7\}$ and

$$P' = \{5, 6, 8\}$$
, list the elements of set P.

Find the next number in the sequence:

6. Using a ruler and a pair of compasses only, construct a line through point T parallel to line AB.



7. Write the number whose standard form is 7.43×10^2

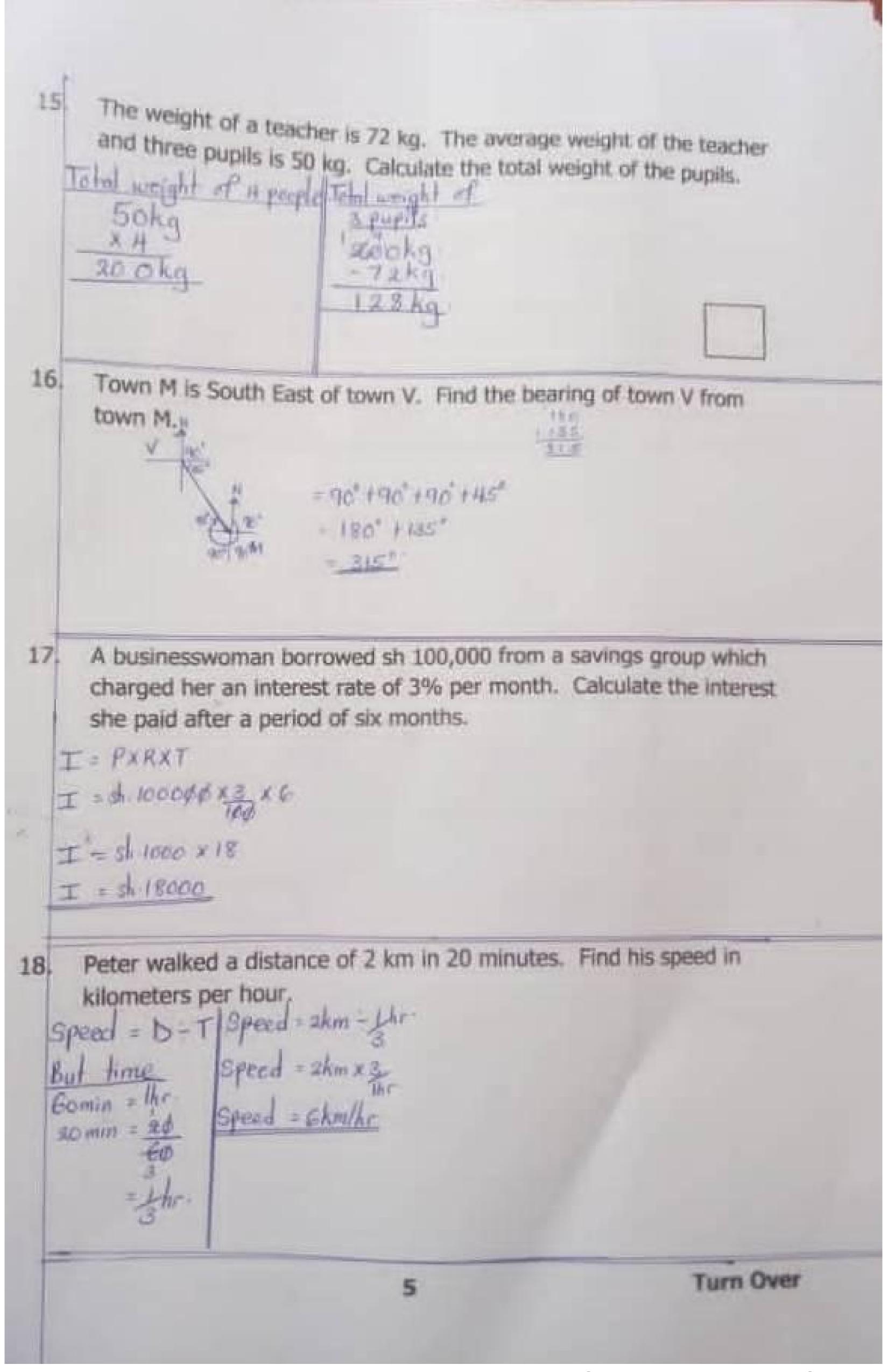
8. Represent the number operation -5 + +7 on the number line below.

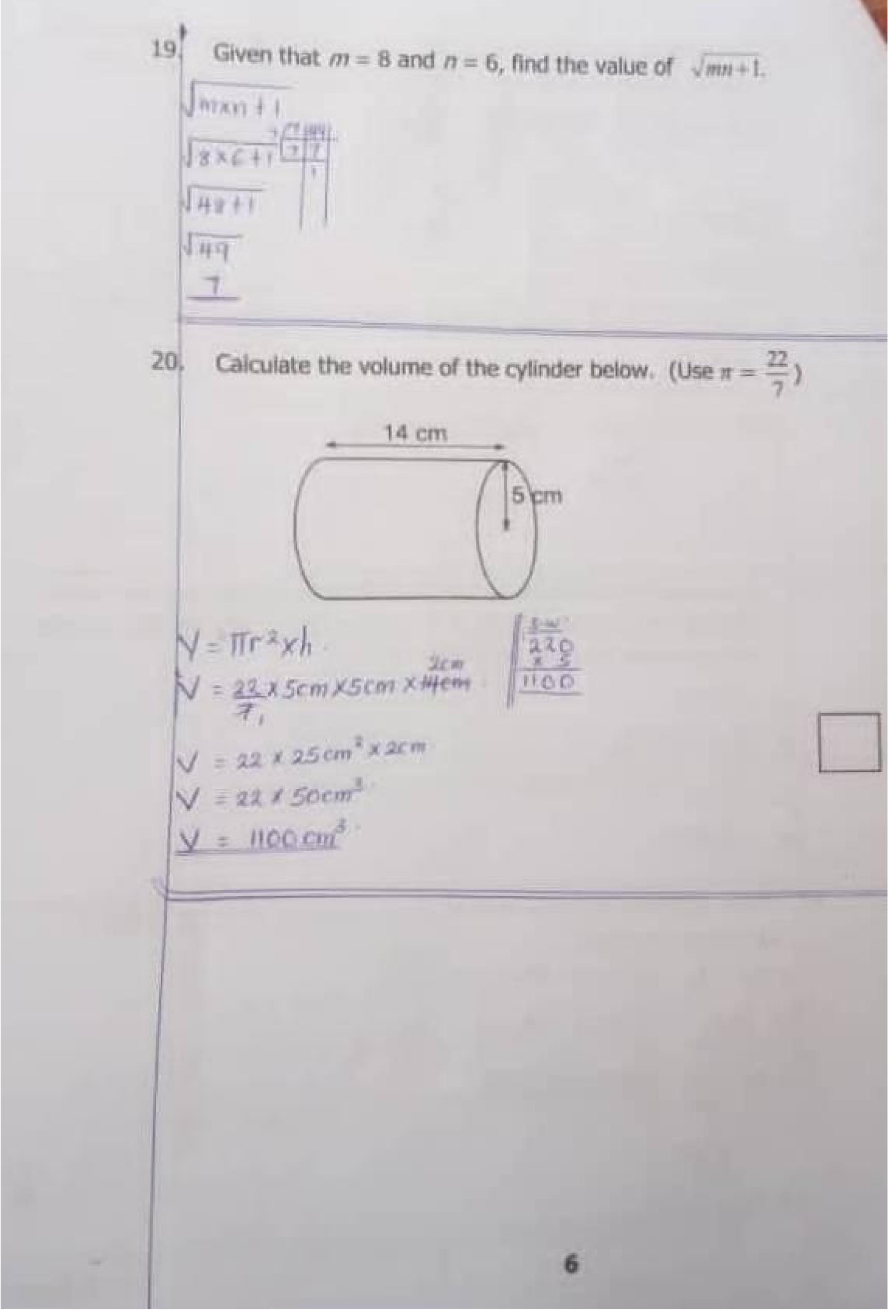
9. Solve:
$$2a - 6 = 10$$

$$2a-6=10$$
 $2a-6+6=10+6$
 $2a-6+6=10+6$
 $2a-6+6=10+6$
 $2a-6+6=10+6$
 $2a-6+6=10+6$

weight in k	biscuits weighs 200 grammes. Calculations of 30 packets of biscuits. In gramma Weight in kg To cog = Ikg	ate the total
60009"		
4	gs below show cards with numbers wri	
Probability =	were then put in a bag. Find the proba- andom from the bag has a composite no note.	
Probability =	Oxió o 1 _{two}	
	-111 _{two}	
13. A poultry fa	sh 12000 sh 12000	the cost of 25 eg
200	5h 400	
	2000 2000 0,000	
14. Round off 2	498 to the nearest hundreds.	
2500		

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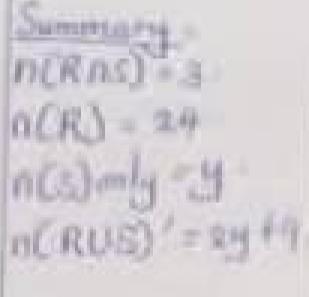
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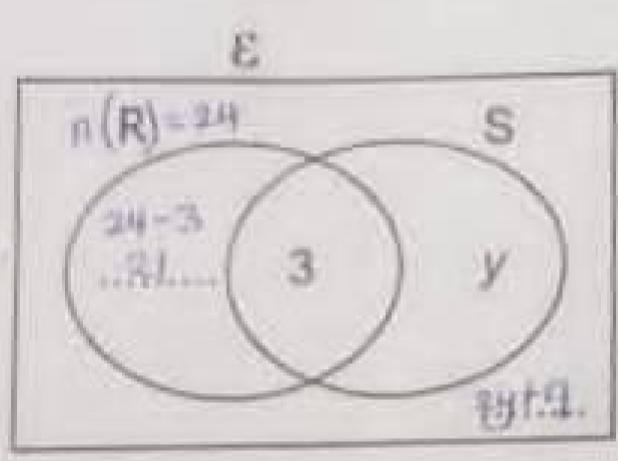
SECTION B: 60 MARKS

Answer all the questions in this section.

Marks for each question are indicated in brackets.

- 21 In a village, 3 farmers grow both rice (R) and sunflower (S). 24 farmers grow rice and y farmers grow sunflower only. Zy + 9 farmers grow none of the two crops.
 - (a) Use the given information to complete the Venn diagram below. (02 marks)





Given that the number of farmers who grow rice only is equal to (b) the number of farmers who grow none of the two crops, find the (02 marks)

value of y.

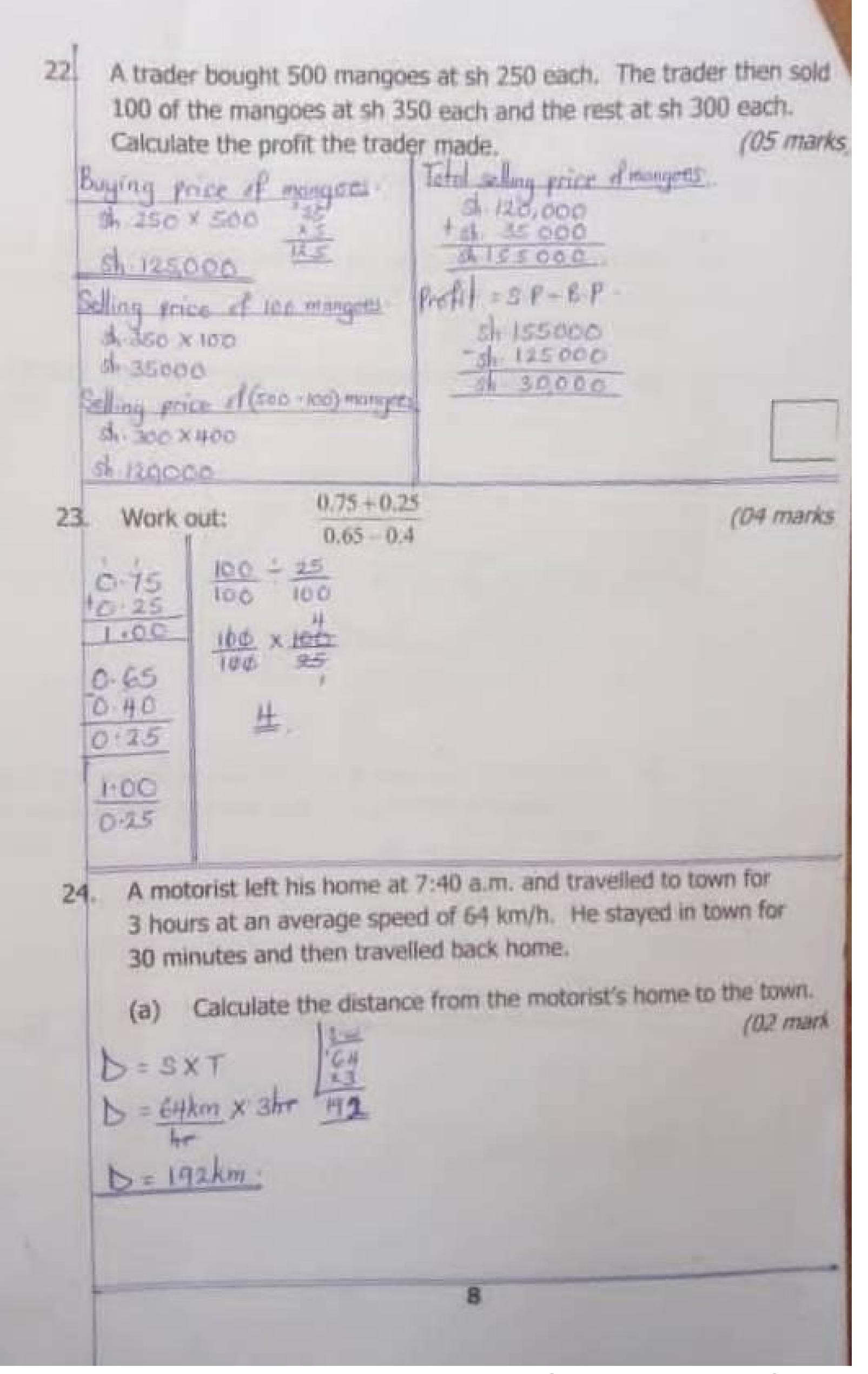
$$n(RUS)' = n(R) cmly$$
 $2y + 9 = 21$

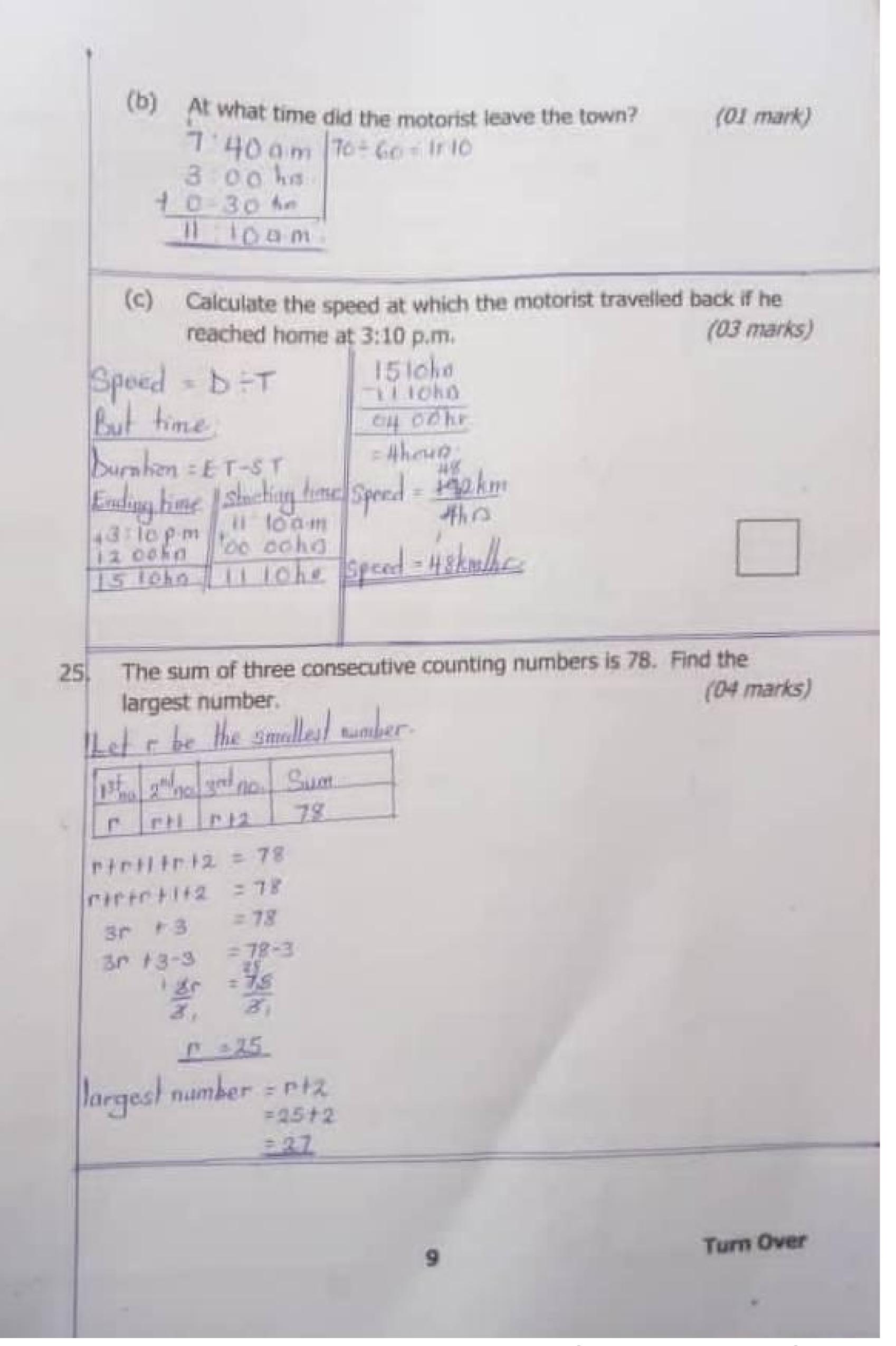
(01 mark) How many farmers grow sunflower?

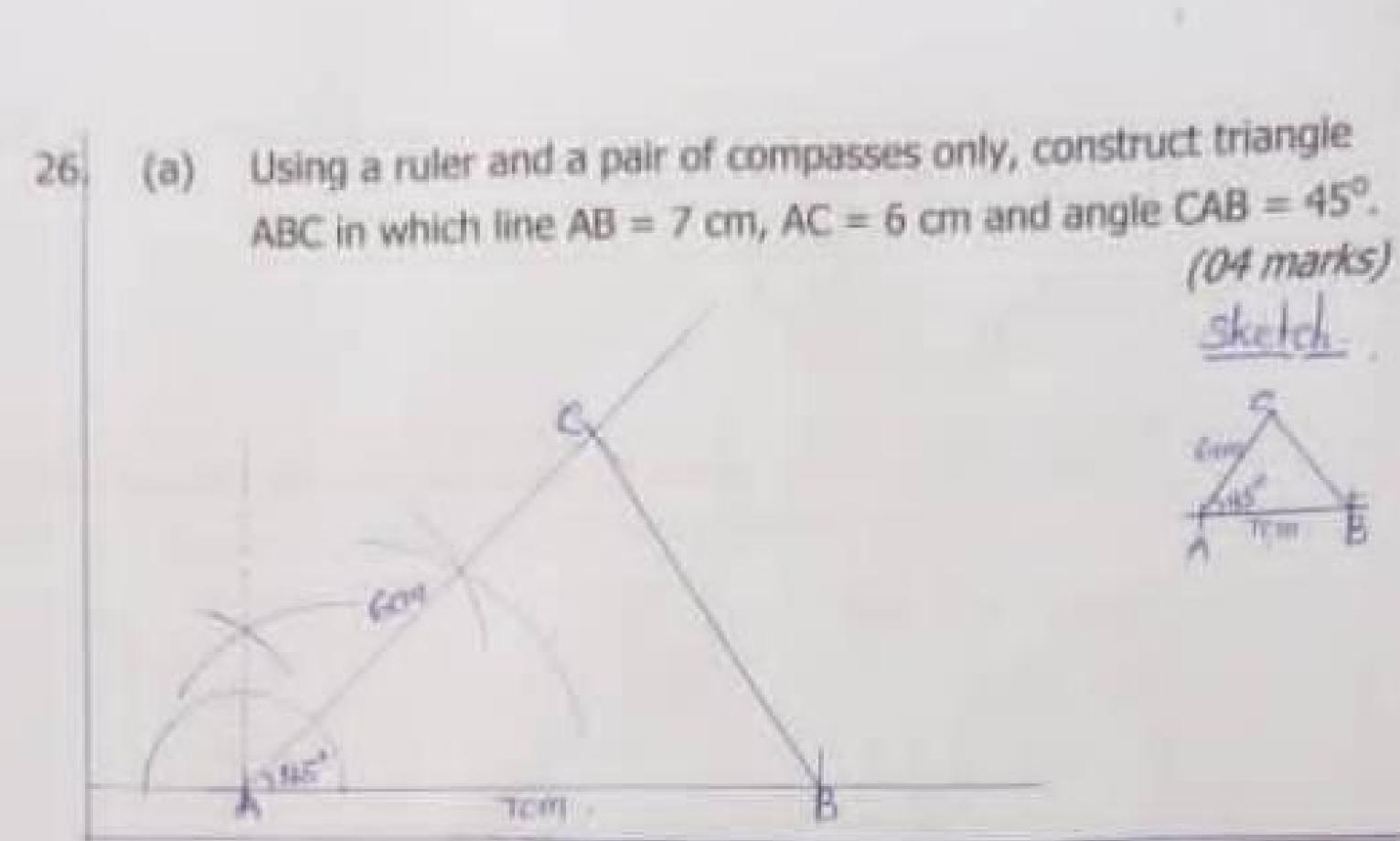
$$n(s) = y + 3$$

 $n(s) = 6 + 3$
 $n(s) = 9 \text{ farmes}$

Turn Over





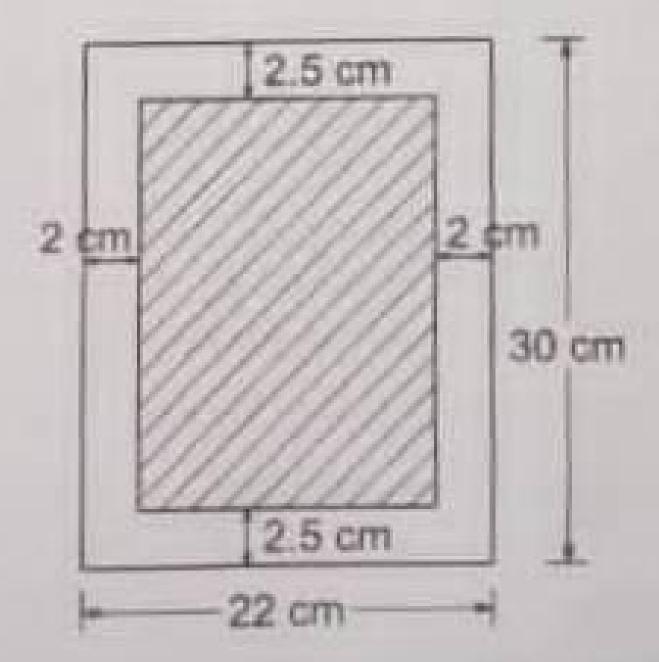


(b) Measure angle ACB.

ZACB = 77"

(01 mark)

27. The figure below represents a photograph enclosed in a photo frame. The length of the photo frame is 30 cm and the width 22 cm. The area covered by the photograph is shaded. Study the figure and use it to answer the questions that follow.



(a) Find the length of the photograph.

Length = 30cm - (2 5cm +2-5cm)

Length = 25cm -

(02 marks)

