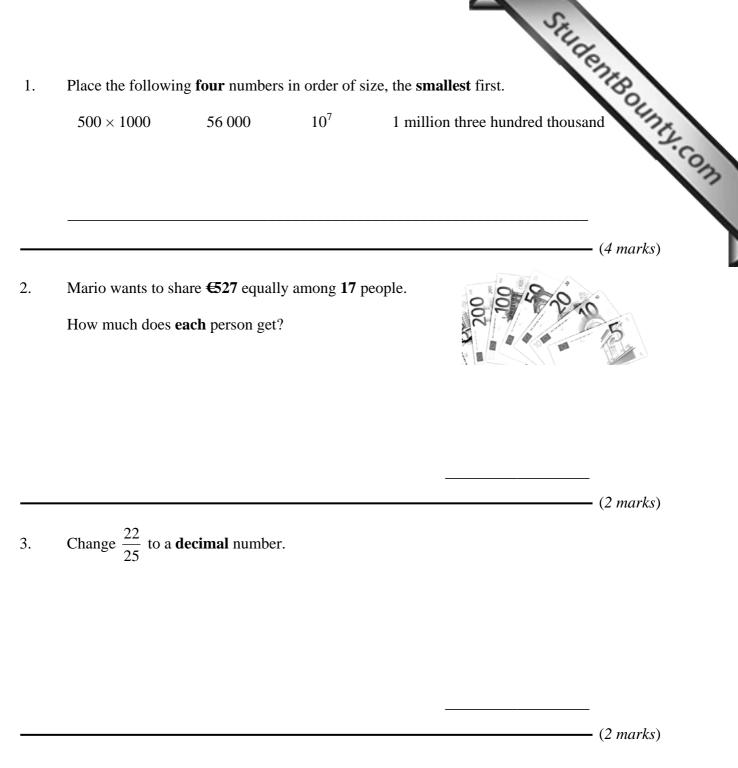
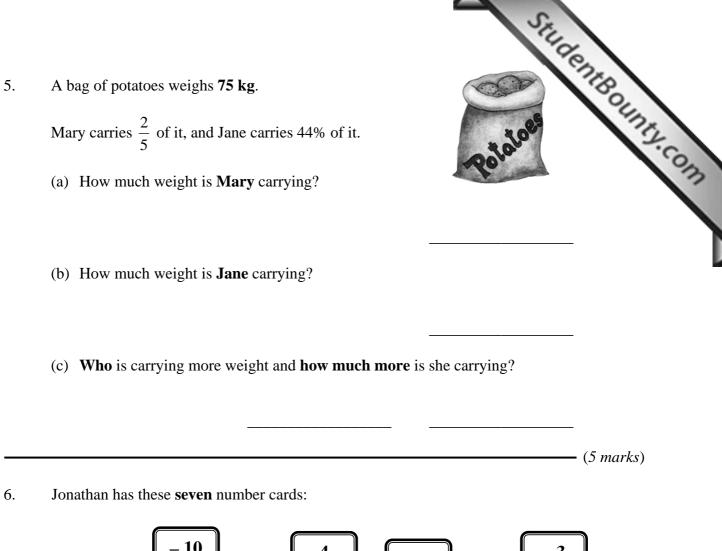
S	ECONDARY S Directora	ate fo	or Qua		and S	tanda	rds in	Edu		24	
FORM 1	М			IAT Calcu				ΈA	r 	TIME: 30 minutes	om
Name:									Cla	ISS:	
	Question Mark	1	2	3	4	5	6	7	Total		

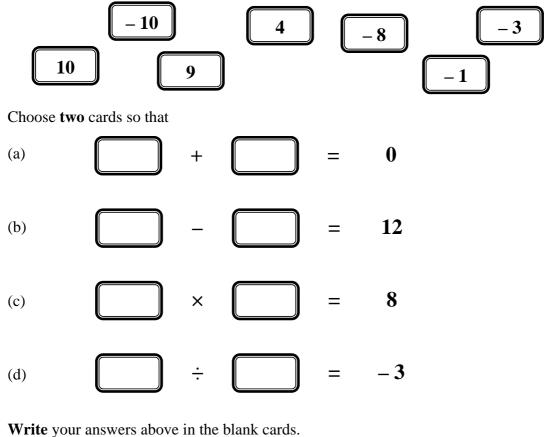
## **Instructions to Candidates**

- Answer all questions.
- This paper carries a total of 25 marks.
- Calculators and protractors are not allowed.



4. Write 1260 as the product of **prime numbers**.





(4 marks)

JL/SS Form 1 Mathematics Scheme A Non-Calculator 2010

Page 3 of 4

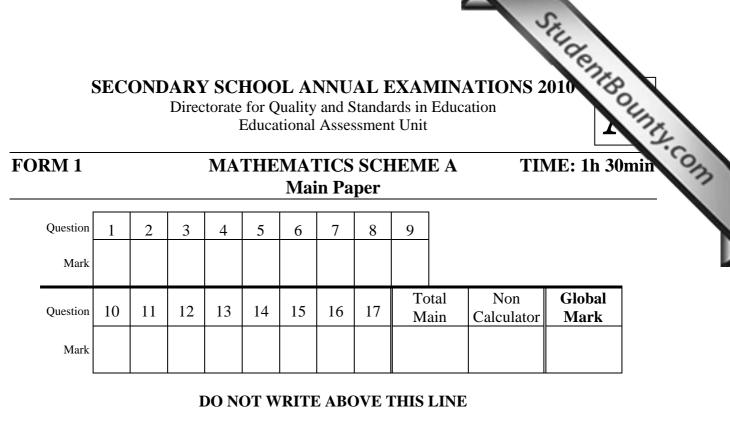
7. Round each number to the nearest whole number and then work out the approximation of the providence of the second seco

	Problem	Nearest whole number	Approximate answer		
(a)	$6{\cdot}3\times4{\cdot}51+2{\cdot}9$	$6 \times 5 + 3$	33		
(b)	8.1 + 6.68 - 4.49				
(c)	$25 \cdot 33 - 3 \cdot 8 \times 6 \cdot 09$				

## **END OF PAPER**

www.StudentBounty.com Homework Help & Pastpapers **SECONDARY SCHOOL ANNUAL EXAMINATIONS 2010** 

Directorate for Quality and Standards in Education **Educational Assessment Unit** 



Name: \_\_\_\_\_

Class: \_\_\_\_\_

- Answer all questions.
- This paper carries 75 marks.
- Calculators and mathematical instruments are allowed but all necessary working must be shown.
- 1. I left home at **22:30** to spend the night fishing.

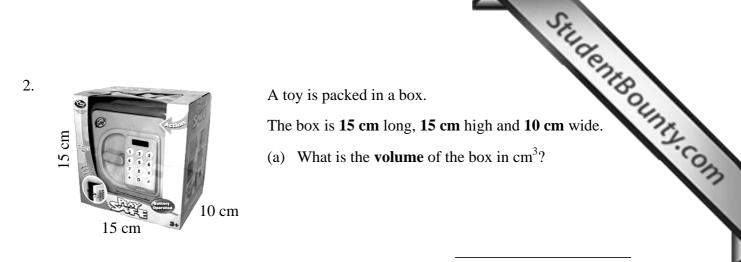
I returned home **5 hours 40 minutes** later.

(b) **Show** this time on the cuckoo clock.

(a) At what time did I return?



(3 marks)



The boxes are packed in a large wooden crate.

It can contain exactly **840** toy boxes.

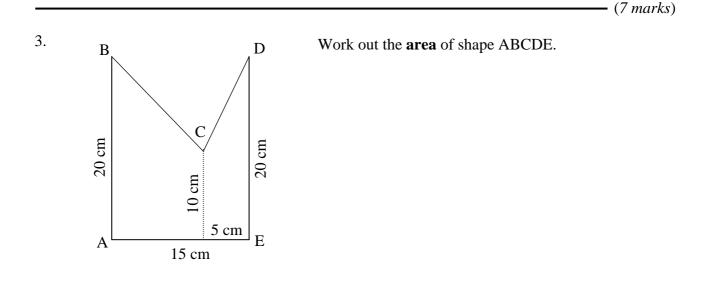
(b) What **volume** do these boxes occupy?

		cm <sup>3</sup>
(c)	Write this volume in $\mathbf{m}^3$ .	
		m <sup>3</sup>

Each toy box weighs **750** g.

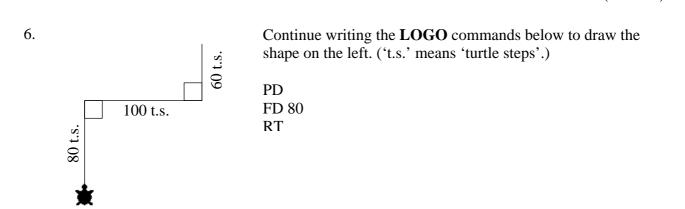
The wooden crate weighs 5 kg when empty.

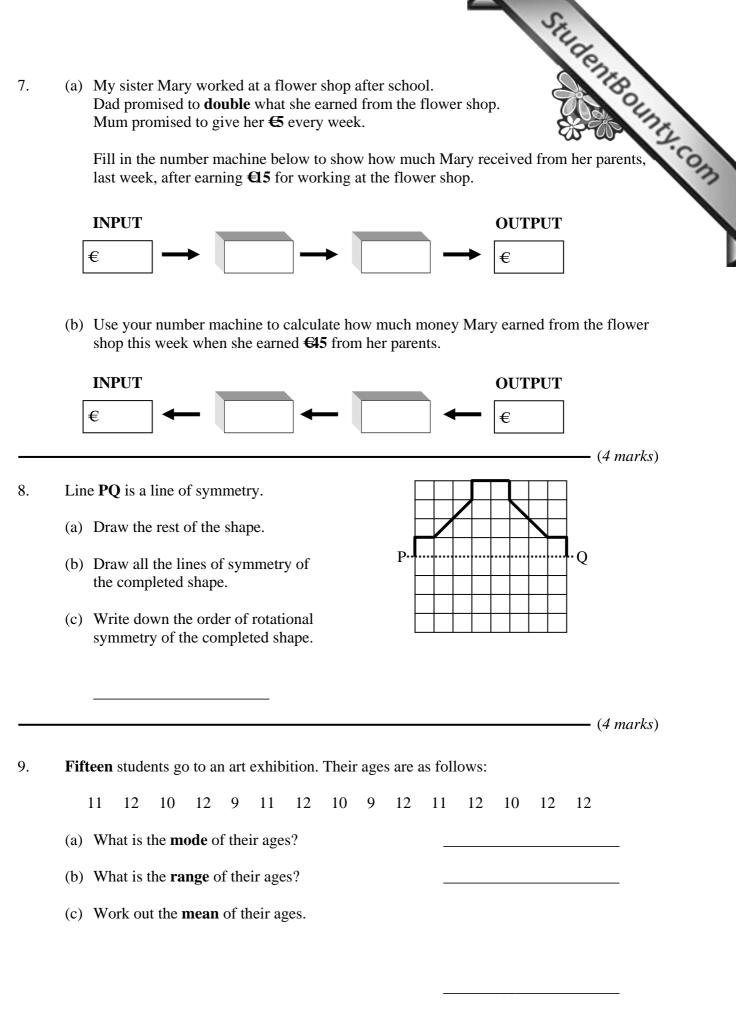
(d) What is the **total** weight in **kg** of the crate when full of toy boxes?



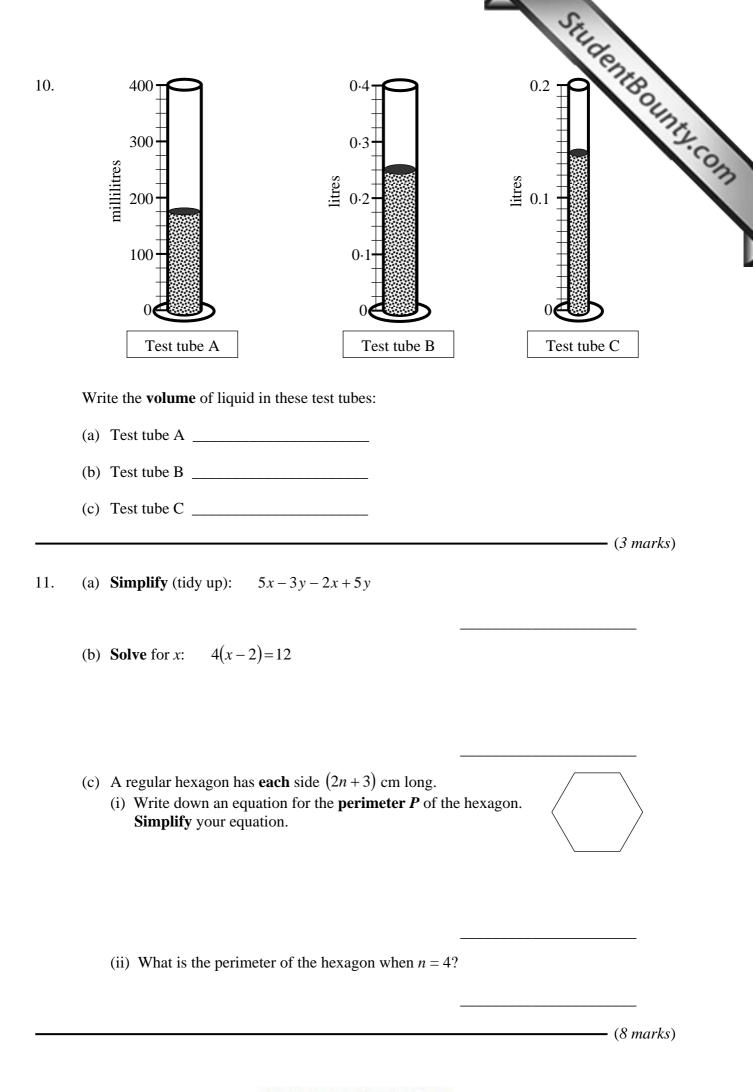
- (5 marks)

Nan	ne:						_	Clas	55:		 AentBo	2UI
	From this to	mbola	card,									
			11	25		40		64	72			
		5		27	31		54			81		
			13		38		58	68		87		
	<ul> <li>(a) list any</li> <li>(b) list any</li> <li>(c) list all the distance</li> <li>(d) find a non-</li> </ul>	two m he thre	ultiples e <b>squa</b>	s of <b>3</b> . re num	bers.						  (4 mc	urks
	Write in ord 0, –											
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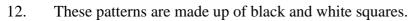




- (5 marks)



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П

1<sup>st</sup> pattern

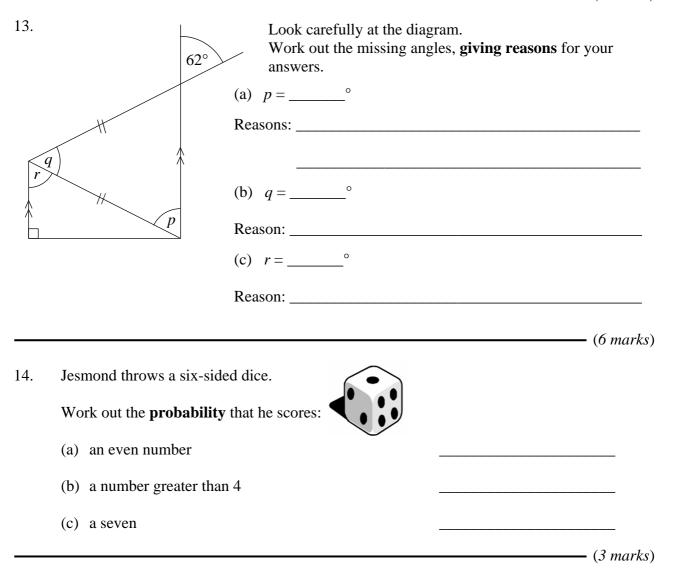


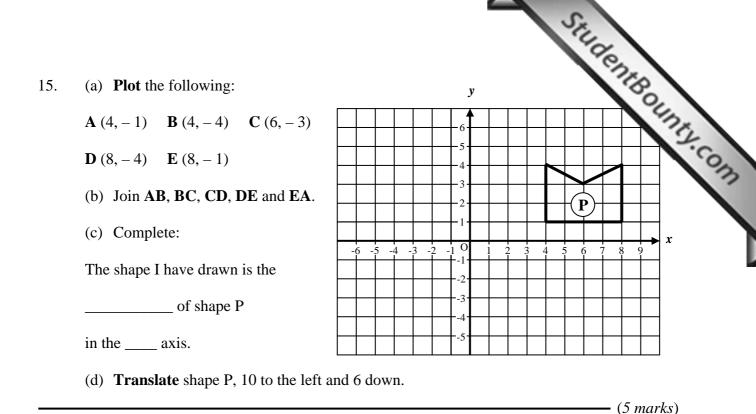
Stillak hikoulinti, com 3<sup>rd</sup> pattern

Complete this table. You have **four** answers to fill in.

	1 <sup>st</sup> pattern	2 <sup>nd</sup> pattern	3 <sup>rd</sup> pattern	5 <sup>th</sup> pattern	pattern
White squares	4	6	8		
Black squares	1	2	3	5	
Total of squares	5	8	11	17	23

**–** (4 marks)

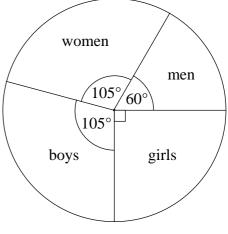




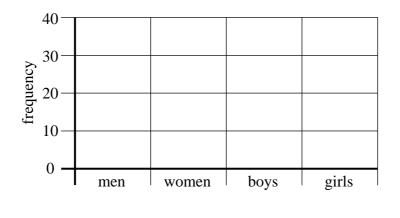
16. The pie chart represents the number of men, women, boys and girls that went to a party.

There were 120 people in all.

(a) Complete the following:
The number of
men was \_\_\_\_\_\_.
women was \_\_\_\_\_\_.
boys was \_\_\_\_\_\_.
girls was \_\_\_\_\_\_.

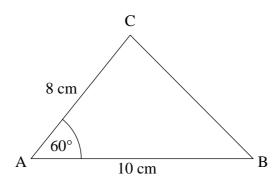


(b) Draw a bar chart to show this information.



- (5 marks)

StudentBounty.com (a) Using compasses and ruler only, make an **accurate** drawing of this triangle. 17.



(b) Measure the length of BC from **your** drawing.

BC = \_\_\_\_\_

- (4 marks)

## **END OF PAPER**

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