

## **Carlingford High School**

2019

Year 10 5.2 Term 3 Exam

Time allowed 50 min

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Name		1	18 6		

Teacher: (Please Circle)

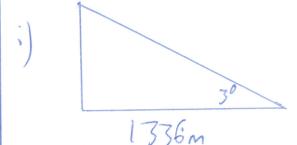
Mr	Cheng	Q/-	8
Ms	Aung	Q1.4	2-18

## **General Instructions**

- o Do not write in columns
- o Marks may be deducted for careless or badly arranged work
- Only calculators approved by the Board of Studies may be used
- o All answers are to be completed in black pen except graphs and diagrams
- No lending or borrowing

<b>Q1</b> Trig	<b>Q2</b> Binomial	<b>Q3</b> Probability	Total
/25	/14	/29	/68

6) 
$$\tan 42^{\circ} = \frac{2}{30}$$



$$\int_{0}^{2\pi} S_{1}^{2} h \theta \approx \frac{20}{29}$$

ns 29

$$12$$
).)  $(346)(2-4)$   
 $1^{2}+62-42-24$   
 $1^{2}+22-2+$   
 $1^{2}$ )  $(36+4)(26-1)$   
 $1^{2}+36+86-4$ 

$$66^{2}-36+86-4$$
  
 $66^{2}+76-4$ 

$$iii)$$
  $(2-fa)(fa-2)$ 

$$10a-4-25a^{2}+10a$$
  
 $20a-25a^{2}-4$ 

$$(d-8)(d+1)$$

$$(a-3)(a-9)$$

$$(a-4)(b-2)$$

*iii*) 
$$\frac{4}{12} = \frac{1}{3}$$

$$iv) \frac{4}{12} = \frac{1}{3}$$