



Estimation

Mark Scheme 1

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Paper Type	Extended
Topic	Number
Sub-Topic	Estimation
Booklet	Mark Scheme 1

Time Allowed: 11 minutes

Score: /9

Percentage: /100

Grade Boundaries:

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

1	$\frac{\sqrt{4} \times 30}{9 - 3}$ <p>10 nfw</p>	M1	Allow one error and 2 for $\sqrt{4}$ and 6 for $9 - 3$
		A1	

2	6	1	
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3	<p>(a) $\frac{0.003 \times 3000}{(10 + 20)^2}$ cao</p> <p>(b) 0.01 or 1/100</p>	1	No extra zeros allowed. Accept standard form
		1	SC1 for answer 0 if 0 is used for 0.003 in (a)

4	310 to 360	2*	B1 290 to 309 or 361 to 390
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5	(a)	$\frac{5 \times 2}{20}$	1	
	(b)	0.5 or $\frac{1}{2}$ cao	1	