

<b>1</b>	a		050	1	B1 $\pm 2^\circ$ , condone 50
	b	$7 \times 2.5$			M1 allow 6.8 – 7.2 for 7
			17.5	2	A1 accept 17-18
	c				M1 for a bearing of $115 \pm 2^\circ$ from <i>A</i>
					M1 for $20 \div 2.5$ (= 8) <b>or</b> for an arc drawn 8 cm from <i>B</i> within tolerance
			<i>C</i> marked within tolerance	3	A1
<b>Total 6 marks</b>					

<b>2</b>	(Area of kite = )12			3	B1 for a correct area of the kite – may be implied by their diagram
					M1 for any rectangle
					A1ft A correct rectangle or ft for a rectangle with their stated area of the kite
<b>Total 3 marks</b>					

<b>3</b>	(b)	[5.8, 6.2]		4	M1
		'[5.8, 6.2]' $\times$ 500 (= '[2900, 3100]')			M1 ft
		'[2900, 3100]' $\div$ 0.44			M1 ft
			6818		A1 ft answer in range 6590-7045 but must be an integer

<b>4</b>	(a)	$700 \div 200$ (= 3.5)		3	M1 or 3.5 shown on diagram – within bounds of overlay
					M1 for line drawn at correct angle $\pm 2^\circ$ within bounds of overlay
			<i>C</i> indicated in correct position		A1 for <i>C</i> drawn within bounds of overlay, inclusive of lines
	(b)		(1 : ) 20 000	1	B1
<b>Total 4 marks</b>					

<b>5</b>	(b)	Stating 6.5cm <b>or</b> an arc with centre <i>T</i> , radius 6.5 cm		3	B1
		Line drawn or $\times$ from <i>S</i> , with a bearing of $084^\circ$			B1
			<i>B</i> correctly indicated		B1 See overlay

<b>6</b>		[6, 6.4]		4	M1 accept in the range 6 – 6.4
		"[6, 6.4]" $\times$ 80 (= [480, 512])			M1
		$590 - "[480, 512]"$ (= [110, 78])			M1
		<i>Working required</i>	78 – 110		A1 dep on M1
<b>Total 4 marks</b>					

<b>6</b> <b>ALT</b>		[6, 6.4]		4	M1 accept in the range 6 – 6.4
		$(590 \div 80) - "[6, 6.4]"$ (= [0.975, 1.375]) <b>or</b> $7.375 - "[6, 6.4]"$ (= [0.975, 1.375])			M1
		"[0.975, 1.375]" $\times$ 80 (= [78, 110])			M1
		<i>Working required</i>	78 – 110		A1 dep on M1
<b>Total 4 marks</b>					

<b>7</b>	(a)	$[7.3 - 7.7] \times 3$		2	M1
		<i>Correct answer scores full marks (unless from obvious incorrect working)</i>	22.5		A1 accept an answer in the range 21.9 – 23.1
	(b)	for stating 8 cm <b>or</b> within or on guidelines on overlay		1	B1
		for $\times$ from <i>B</i> with a bearing of $110^\circ$ <b>or</b> $\times$ plotted within or on guidelines on overlay <b>or</b> line drawn within or on guidelines		1	B1
			Correct position	1	B1 within or on guidelines
<b>Total 5 marks</b>					

8		Correct triangle	2	B2	Correct triangle within tolerance If not B2, then B1 for $CB$ of length 6.5 cm or angle $ACB = 38^\circ$ Allow $CB$ length 6.3 cm to 6.7 cm and angle $ACB = 36^\circ$ to $40^\circ$
					<b>Total 2 marks</b>