

Maps and Scale Drawings L1 Mark Scheme		
1	Real-life distance = $3.8 \times 100 = 380$ m	[1]
2	Drawing length = $800 \div 250 = 3.2$ cm	[1]
3	$9 \times 400 = 3600$ m	[1]
	Real-life distance = $3600 \div 1000 = 3.6$ km	[1]
4	$11.2 \times 500000 = 5600000$ cm	[1]
	Real-life distance = $5600000 \div 1000 \div 100 = 56$ km	[1]
5	5 squares Real-life distance = $5 \times 320 = 1600$ km	[1]
6	8 squares Real-life distance = $8 \times 500 = 4000$ miles	[1]
7	$2.7 \times 0.20 = 0.54$ cm	[1]
	Real-life length = $0.54 \times 10 = 5.4$ mm	[1]
8	Real-life length = $4 \times 30 = 120$ km	[1]
	Bearing = 225°	[1]