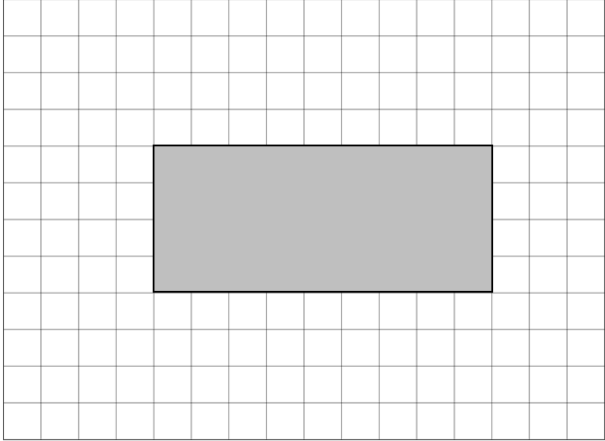


<b>Maps and Scale Drawings L2 Mark Scheme</b>		
<b>1</b>	Real-life distance = $3.8 \times 100 = 380$ m	[1]
<b>2</b>	Drawing length = $800 \div 250 = 3.2$ cm	[1]
<b>3</b>	$9 \times 400 = 3600$ m	[1]
	Real-life distance = $3600 \div 1000 = 3.6$ km	[1]
<b>4</b>	$11.2 \times 500000 = 5600000$ cm	[1]
	Real-life distance = $5600000 \div 1000 \div 100 = 56$ km	[1]
<b>5</b>	5 squares Real-life distance = $5 \times 320 = 1600$ km	[1]
<b>6</b>	8 squares Real-life distance = $8 \times 500 = 4000$ miles	[1]
<b>7</b>	$2.7 \times 0.20 = 0.54$ cm	[1]
	Real-life length = $0.54 \times 10 = 5.4$ mm	[1]
<b>8</b>	Real-life length = 1200 cm Drawing length = 6 cm	[1]
	Drawing length : Real life length = 6: 1200	[1]
	= 1: 200	[1]
<b>9</b>	Drawing length : Real life length = 3.2: 1.6	[1]
	= 2: 1	[1] accept 1: 0.5

10	Real width = $18 \times 100 = 1800$ cm Real height = $8 \times 100 = 800$ cm	[1]
	Drawing width = $1800 \div 200 = 9$ cm Drawing height = $800 \div 200 = 4$ cm	[1]
		
	Correct drawing	[1]