

Q1

Length (m)	Width (m)	Area	Wool £20 per m <sup>2</sup>	Nylon £15 per m <sup>2</sup>	Sisal £10 per m <sup>2</sup>
4	3	12	240	180	120
5	4	20	400	300	200

Q2

Length (m)	Height (m)	Tiles along the length	Tiles up the height	Tiles needed
2.4	2.1	12	7	84
2.4	1.5	12	5	60
1.8	2.1	9	7	63
1.8	1.2	9	4	36
			<b>Total</b>	<b>243</b>

Q3

Base (cm)	Height (cm)	Hypotenuse (cm)	Area	Perimeter
3	4	5	6	12
5	12	13	30	30
6	8	10	24	24
7	24	25	84	56

Q4

Shorter sides (cm)	Longer sides (cm)	Area (cm <sup>2</sup> )	Perimeter (cm)
2	3	6	10
2	4	8	12
2	5	10	14
2	6	12	16
3	4	12	14
3	5	15	16
3	6	18	18
4	5	20	18
4	6	24	20
4	7	28	22
4	8	32	24
5	6	30	22
5	7	35	24
5	8	40	26
6	8	48	28

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