Pressure and area

Answers

GCSE science calculations

This topic online

Q	Answer	Marks
1	2500 Pa	2
2	1400 Pa	2
3	2400 Pa	2
4	250 Pa	3
5	1.2×10^8 Pa	3
6	15 kPa	3
7	720 N	2
8	22 cm^2	3
9	120 N	3
10	15 000 Pa	4
11	**a)** 147 000 Pa **b)** open: Yes, it is safe because the pressure under the pads (147 000 Pa) is less than the 200 000 Pa the ground can take.	5
12	7400 Pa	5

Full worked solutions, written out by hand, are on the solutions sheet for this topic.

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