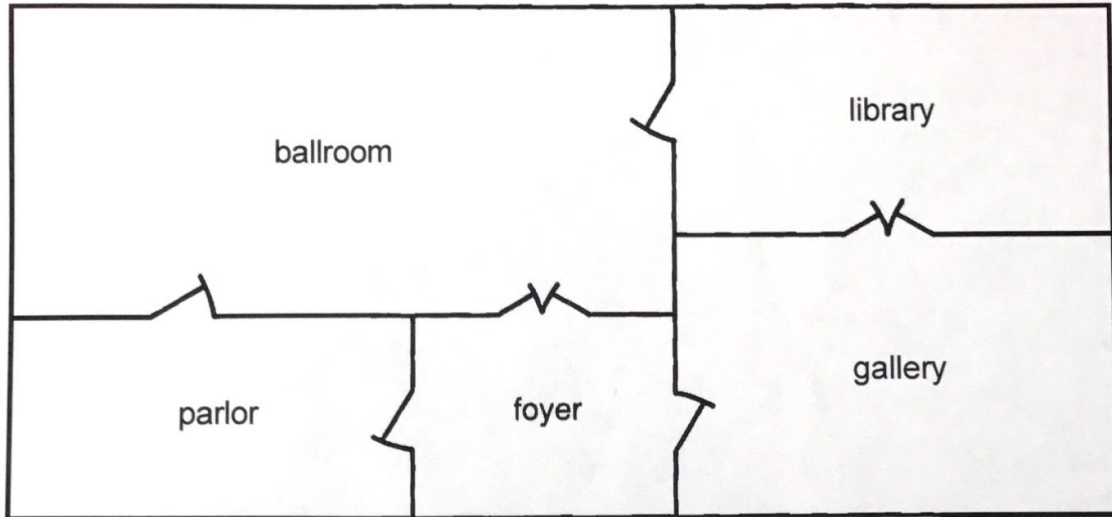


What Goes Ha! Ha! Ha! Thud?

Scale → 2 cm : 3 m



This is a scale drawing of one floor in a European castle. Do each exercise and find your answer in the adjacent answer column. Write the letter of the answer in each box containing the number of the exercise.

I. One dimension is given for each room. Measure to find the other dimension to the nearest tenth of a centimeter.

- | | |
|--|---|
| <p>① ballroom 4.3 cm by _____</p> <p>② library 3.2 cm by _____</p> <p>③ parlor 2.8 cm by _____</p> <p>④ foyer 2.8 cm by _____</p> <p>⑤ gallery _____ by 6.0 cm</p> | <p>Ⓤ 3.6 cm Ⓝ 6.0 cm</p> <p>Ⓚ 6.3 cm Ⓥ 3.4 cm</p> <p>Ⓢ 9.1 cm Ⓞ 5.5 cm</p> <p>ⓔ 3.9 cm ⓑ 8.4 cm</p> |
|--|---|

II. Find the actual room dimensions. ("Length" refers to the longer dimension and "width" to the shorter dimension.)

- | | | |
|---|---|--|
| <p>⑥ length of the ballroom</p> <p>⑧ length of the library</p> <p>⑩ length of the parlor</p> <p>⑫ length of the foyer</p> | <p>⑦ width of the ballroom</p> <p>⑨ width of the library</p> <p>⑪ width of the parlor</p> <p>⑬ width of the gallery</p> | <p>Ⓟ 8.65 m ⓕ 4.2 m</p> <p>Ⓜ 9 m Ⓡ 13.65 m</p> <p>ⓐ 5.4 m Ⓛ 8.25 m</p> <p>ⓒ 13.25 m Ⓣ 6.15 m</p> <p>ⓓ 6.45 m Ⓡ 5.1 m</p> <p>ⓗ 5.85 m ⓖ 4.8 m</p> |
|---|---|--|

12	8	12	2	10	12	4	9	13	6	2	9	13	6	1	13	5	12	7	3	11	11
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