

Scale Codebreaker - Answers

A	B	C	D	E	F	G	H	I	J	K	L	M
3.5	4	0.35	0.035	15	0.105	50	6	35	150	600	5000	0.5
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
5	1500	1.5	0.6	60	40	0.06	0.15	3500	350	500	0.4	6000

Answer the questions below on scale, link your answers to the table above to reveal what the preferred footwear of the world hide-and-seek champion:

A car is 4 metres long. A model of the car is 10 centimetres long. The scale of the model to the real car is 1: n. Find n.	Lionel builds a model of a boat using the scale 1: 25. The model is 20cm long. How long is the real boat in metres?	A scale model of a double decker bus uses the scale 1: 30. The bus is 4.5 metres tall. How tall is the model in centimetres?	Map uses the scale 1cm: 5km. The distance between two towns is 17.5km. How far apart are the towns on the map in centimetres?
40	5	15	3.5
S	N	E	A

Greta has a model plane of length 12cm. The full size plane is 72m. The scale is 1: n. Find n.	A map of a national park uses the scale 1: 50000. Two landmarks are 7.5km apart in real life. How many centimetres apart are they on the map?	Theo has built a model of a ship using the scale 1: 150. His model is 1.6m long. Jane is building a model of the same ship but using the scale 1: 400. How long is Jane's model in centimetres?	A map uses the scale 1: 1 000 000. Two towns are 4cm apart on the map; how far apart are the towns in kilometres?
600	15	60	40
K	E	R	S