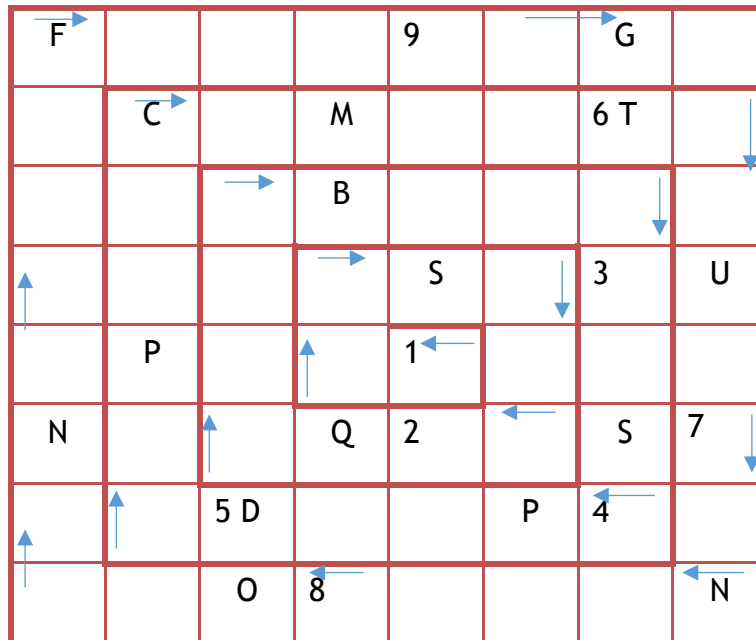


Answer each of the following clues in the quiz by starting in the square marked 1 at the centre of the grid and writing your answer in a clockwise spiral. The last letter of each answer is the first letter of the next. To help you arrows are given and you must not cross over the bold lines. The number of letters to each answer is given in brackets.



1. This is calculated by dividing the force by the area over which the force is acting. (8)
2. State of an object when opposing forces are balanced. (11)
3. Amount of stuff in an object. It is measured in grams or kilograms. (4)
4. This is calculated by dividing distance covered by the time taken. (5)
5. This is the distance and direction an object has moved from a fixed reference point. (12)
6. A sudden force that causes motion. (6)
7. A force which when applied to an object results in an increase in length. (7)
8. This describes forces like gravitational force, electrostatic force and magnetic force. (3-7-5)
9. W _ _ _ T is the gravitational force of attraction on an object by the Earth. It is measured in newtons. (4)

Answers

F →	O	R	C	9 E	I →	G	H
T	C →	E	M	E	N	6 T	H ↓
C	A	T →	B	R	I	U ↓	R
↑ A	L	L	E →	S	S ↓	3 M	U
T	P	I	↑ R	1 P	U	A	S
N	S	↑ U	Q	2 E	← R	S	7 T ↓
↑ O	↑ I	5 D	E	E	P	← 4 S	E
↑ C	N	O	← 8 N	O	I	S	← N