5.1.21

Percentages: Super Challenge

A

All the numbers in the first column have been increased by the same percentage to give the results in the second column.

But the result numbers are disguised – their digits have been replaced by letters. A given letter stands for the same digit every time it appears in that column.

Can you work out the percentage change, even with the results in code?

20	GC
15	IJ
45	AC
35	CG
70	JC
80	HF
25	EB
60	DG

B

LIGHTS OUT

A company finds that 5% of the light bulbs they manufacture are defective. Of these, 30% get shipped to stores. Out of 400 light bulbs manufactured, how many defective light bulbs are shipped to stores?