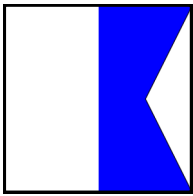
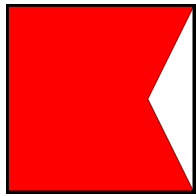


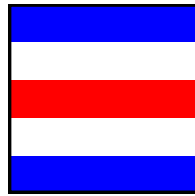
Clue 1—Wave that flag



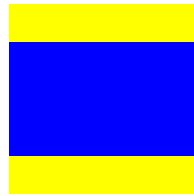
Alfa



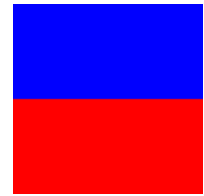
Bravo



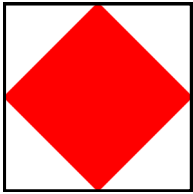
Charlie



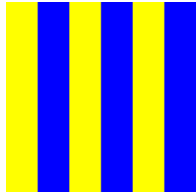
Delta



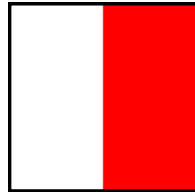
Echo



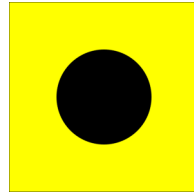
Foxtrot



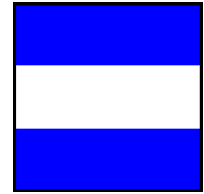
Golf



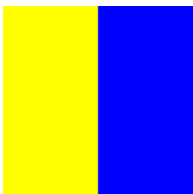
Hotel



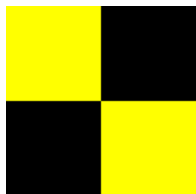
India



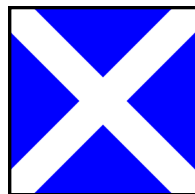
Juliet



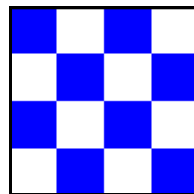
Kilo



Lima



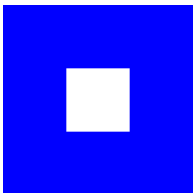
Mike



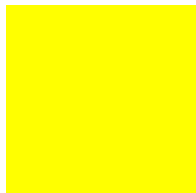
November



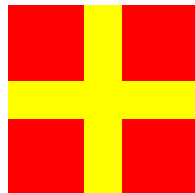
Oscar



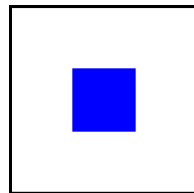
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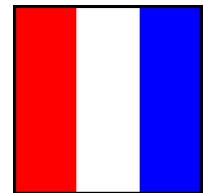
Quebec



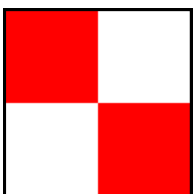
Romeo



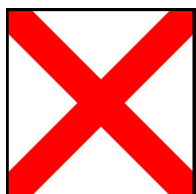
Sierra



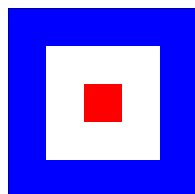
Tango



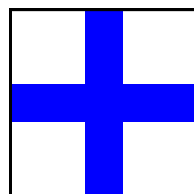
Uniform



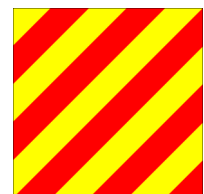
Victor



Whisky



X-ray



Yankee



Zulu

Clue 1

Lines of symmetry	Colours (including white)	Shapes (all shapes may not be listed)	Extra information	Letter
4	2	4 triangles	No red	
1	2	2 triangles	No quadrilaterals	
1	2	1 pentagon 1 isosceles triangle	No blue	
4	2	1 circle		
2	2	4 squares	No white	
1	2	2 rectangles	No yellow or white	
4	2	1 circle		
4	2	1 small square	White covers most area	
4	2	1 small square	White covers most area	
1	2	Pentagon, isosceles triangle, rectangle		
4	2	4 triangles	No red	
4	2	1 small square	White covers most area	
2	2	4 squares	No yellow	
2	2	16 squares		
1	2	6 rectangles		

Clue 2 - Binary

Binary uses only 1 and 0

The binary number 29 is 11011 (16+8+2+1)

16	8	4	2	1
1	1	0	1	1

Change each binary number to ordinary base 10 numbers.

Binary Number	Number	Letter
10100		
1000		
101		
111		
10101		
1001		
1100		
10100		
11001		
1111		
1110		
101		
10111		
101		
1		
10010		
10011		
111		
1100		
1		
10011		
10011		
101		
10011		

Clue 3 – Money talks

Work out the smallest number of coins it takes to make each of these amounts (before you multiply or add).

$$\text{So } 18\text{p} \times 39\text{p} = 4 \times 5 = 20$$

$$18\text{p} = 10 + 5 + 2 + 1 \text{ (4 coins)}$$

$$39\text{p} = 20 + 10 + 5 + 2 + 2 \text{ (5 coins)}$$

Coins	Number	Letter
33p x 48p		
19p x 11p		
68p		
33p x 73p		
54p x 79p		
75p x 61p		
(89p x 75p) + 1p		
94p x 57p		
£1.99 x 60p		
84p		
99p x 16p		
24p x 45p		
(88p x 23p) + 50p		
20p		
(42p x 43p) + 20p		
16p x 9p		
(98p x 32p) + 5p		
(27p x 99p) + 10p		

Clue 4

Find the missing numbers. The top number is the product of the 2 middle numbers and the bottom number is the sum of the 2 middle numbers. Where a set of 4 boxes has 2 missing numbers, it is the higher number which gives the coded letter.

$\begin{array}{c} \square \\ 4 \quad 5 \\ 9 \end{array}$	$\begin{array}{c} 64 \\ 8 \quad \square \\ 16 \end{array}$	$\begin{array}{c} 6 \\ 2 \quad 3 \\ \square \end{array}$	$\begin{array}{c} 28 \\ 4 \quad 7 \\ \square \end{array}$	$\begin{array}{c} 20 \\ 5 \quad 4 \\ \square \end{array}$
$\begin{array}{c} \square \\ \square \quad 4 \\ 7 \end{array}$	$\begin{array}{c} 32 \\ 4 \quad \square \\ \square \end{array}$	$\begin{array}{c} 25 \\ \square \quad \square \\ 10 \end{array}$	$\begin{array}{c} \square \\ \square \quad 3 \\ 9 \end{array}$	$\begin{array}{c} 46 \\ \square \quad \square \\ 25 \end{array}$
$\begin{array}{c} 60 \\ \square \quad \square \\ 19 \end{array}$	$\begin{array}{c} 54 \\ \square \quad \square \\ 21 \end{array}$	$\begin{array}{c} 99 \\ \square \quad \square \\ 20 \end{array}$	$\begin{array}{c} 57 \\ \square \quad \square \\ 22 \end{array}$	$\begin{array}{c} 72 \\ \square \quad \square \\ 17 \end{array}$
$\begin{array}{c} 28 \\ \square \quad \square \\ 16 \end{array}$	$\begin{array}{c} 0 \\ \square \quad \square \\ 1 \end{array}$	$\begin{array}{c} 6 \\ \square \quad \square \\ 5 \end{array}$	$\begin{array}{c} 72 \\ \square \quad \square \\ 18 \end{array}$	$\begin{array}{c} 3 \\ 3 \quad \square \\ 4 \end{array}$
$\begin{array}{c} 38 \\ \square \quad \square \\ 21 \end{array}$	$\begin{array}{c} 95 \\ \square \quad \square \\ 24 \end{array}$	$\begin{array}{c} 72 \\ \square \quad \square \\ 22 \end{array}$	$\begin{array}{c} 45 \\ \square \quad \square \\ 18 \end{array}$	$\begin{array}{c} 75 \\ \square \quad \square \\ 20 \end{array}$
$\begin{array}{c} 39 \\ \square \quad \square \\ 16 \end{array}$	$\begin{array}{c} 25 \\ 25 \quad \square \\ 26 \end{array}$	$\begin{array}{c} 57 \\ \square \quad \square \\ 22 \end{array}$	$\begin{array}{c} \square \\ \square \quad 10 \\ 12 \end{array}$	$\begin{array}{c} 15 \\ \square \quad \square \\ 8 \end{array}$
$\begin{array}{c} \square \\ 1 \quad \square \\ 2 \end{array}$	$\begin{array}{c} 99 \\ 33 \quad \square \\ 36 \end{array}$	$\begin{array}{c} 56 \\ \square \quad \square \\ 15 \end{array}$	$\begin{array}{c} 10 \\ \square \quad \square \\ 7 \end{array}$	$\begin{array}{c} 90 \\ \square \quad \square \\ 23 \end{array}$

Clue 5 Mix and Match

Pair up the right answer to the right calculation and then join up the part words to decipher the message. Use a calculator.



1	th	$12 \times 6 \times 15$		1075	uri
2	lle	$16 \times (90.1 - 22.8)$		1066.7	nta
3	avo	$56652.5 \div (78.5 - 25.8)$		1076.8	rsf
4	ted	$(15.6 + 18.6) \times (14.7 + 15.8)$		1068.08	sal
5	kco	$812.6 + 15.4 \times 16.5$		1080	eki
6	in	$(31.7 - 14.8) \times (98.3 - 35.1)$		1077.93	ol
7	coh	$(38.7 - 18.4) \times (22.7 + 30.4)$		1043.1	rin

Answer: _____