

## Clue 1 - It all adds up

Find which digits are shown by \*

1.  $69 + 63 = 132$  M
2.  $368 + 234 = 602$  B
3.  $68 + 89 = 157$  O
4.  $87 + 132 = 219$  U
5.  $195 + 277 = 472$  G
6.  $85 + 199 = 284$  H
7.  $189 + 331 = 520$  T
8.  $39 + 373 = 412$  A
9.  $78 + 114 = 192$  S
10.  $76 + 78 = 154$  O
11.  $165 + 156 = 321$  U
12.  $154 + 74 = 228$  V
13.  $278 + 327 = 605$  E
14.  $319 + 495 = 814$  N
15.  $38 + 21 = 59$  I
16.  $46 + 143 = 189$  R
17.  $439 + 81 = 520$  T
18.  $129 + 79 = 208$  H
19.  $95 + 119 = 214$  A
20.  $439 + 81 = 520$  T
21.  $186 + 49 = 235$  C
22.  $235 + 183 = 418$  A
23.  $68 + 146 = 214$  N
24.  $68 + 59 = 127$  B
25.  $59 + 46 = 105$  E
26.  $148 + 89 = 237$  W
27.  $68 + 89 = 157$  O
28.  $327 + 191 = 518$  R
29.  $76 + 69 = 145$  N

## Clue 2 - Now take it away

Find which digits are shown by \*

1.  $284 - 149 = 135$  M
2.  $349 - 328 = 21$  U
3.  $468 - 149 = 219$  S
4.  $98 - 33 = 65$  E
5.  $762 - 565 = 197$  S
6.  $101 - 82 = 19$  S
7.  $489 - 168 = 321$  U
8.  $38 - 22 = 16$  P
9.  $1001 - 996 = 5$  E
10.  $327 - 109 = 218$  R
11.  $342 - 203 = 139$  M
12.  $75 - 34 = 41$  A
13.  $323 - 139 = 184$  R
14.  $527 - 216 = 311$  K
15.  $170 - 75 = 95$  E
16.  $473 - 269 = 204$  T
17.  $249 - 55 = 194$  S
18.  $506 - 185 = 321$  U
19.  $613 - 399 = 214$  N
20.  $620 - 300 = 320$  T
21.  $68 - 49 = 19$  A
22.  $204 - 57 = 147$  N
23.  $250 - 125 = 125$  L
24.  $371 - 217 = 154$  O
25.  $428 - 228 = 200$  T
26.  $121 - 32 = 89$  I
27.  $358 - 201 = 157$  O
28.  $287 - 144 = 143$  N

### Clue 3 - Times are hard

Find which digits are shown by \*

1.  $10 \times 13 = 130$  M
2.  $2 \times 37 = 74$  D
3.  $30 \times 5 = 150$  O
4.  $5 \times 31 = 155$  E
5.  $3 \times 64 = 192$  S
6.  $2 \times 107 = 214$  N
7.  $5 \times 63 = 315$  O
8.  $4 \times 130 = 520$  T
9.  $6 \times 21 = 126$  L
10.  $16 \times 6 = 96$  I
11.  $3 \times 237 = 711$  K
12.  $8 \times 32 = 256$  E
13.  $7 \times 28 = 196$  S
14.  $12 \times 14 = 168$  P
15.  $11 \times 11 = 121$  A
16.  $8 \times 18 = 144$  N
17.  $24 \times 4 = 96$  I
18.  $5 \times 39 = 195$  S
19.  $6 \times 134 = 804$  H
20.  $3 \times 87 = 261$  F
21.  $5 \times 43 = 215$  O
22.  $7 \times 22 = 154$  O
23.  $3 \times 164 = 492$  D

## Clue 4 - Divide and conquer

Find which digits are shown by \*

1.  $52 \div 4 = 13$  M
2.  $70 \div 5 = 14$  N
3.  $95 \div 19 = 5$  E
4.  $176 \div 8 = 22$  V
5.  $100 \div 20 = 5$  E
6.  $72 \div 4 = 18$  R
7.  $161 \div 7 = 23$  W
8.  $121 \div 11 = 11$  A
9.  $120 \div 5 = 24$  X
10.  $200 \div 40 = 5$  E
11.  $57 \div 3 = 19$  S
12.  $104 \div 13 = 8$  H
13.  $150 \div 30 = 5$  E
14.  $162 \div 9 = 18$  R
15.  $156 \div 13 = 12$  L
16.  $205 \div 41 = 5$  E
17.  $98 \div 14 = 7$  G
18.  $114 \div 6 = 19$  S

### Clue 5—Use prime numbers to find the prime suspect

There are 25 prime numbers below 100. Use the number square to find them all and then put them in ascending order to give the letters A-Y of the alphabet. Finally uncode the message. A prime number is only divisible by itself and 1. 1 is **not** a prime number.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
2	3	5	7	11	13	17	19	23	29	31	37	41

<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>
43	47	53	59	61	67	71	73	79	83	89	97	101

41	73	67	11	7	2	43	2	23	61	53	47	61	71
M	U	S	E	D	A	N	A	I	R	P	O	R	T
41	47	61	11	71	19	2	43	13	23	13	71	97	41
M	O	R	E	T	H	A	N	F	I	F	T	Y	M
23	37	11	67	13	61	47	41	37	47	43	7	47	43
I	L	E	S	F	R	O	M	L	O	N	D	O	N