SUDOKU PUZZLES

Fill the blanks using numbers 1 to 4 (for the first two puzzles) 1 to 6 (for the last two puzzles). Every row, column and inner box must contain all specified digits with no number repeated.

	4	2	
2			3
1			4
	3	1	

3			4
		1	
	3		
2			1

2		5			
	1				
		4	3	6	
	2	3	5		
				5	
			2		4

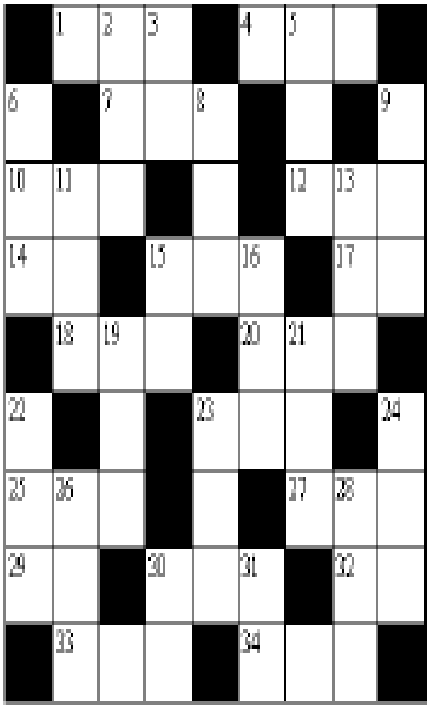
2					3
		1	2		
	1			4	
	6			3	
		4	5		
1					4

The highlighted column on the right, displays the total for each row. The highlighted row on the bottom, displays the total for each column. Fill in the missing boxes to complete the puzzle.

41	26	14	24	13		23	
41	50	43	41	46		10	34
35		5	41	29	30	30	5
40	43	8	15		21	31	18
	18	26	3	42	32	28	44
11	5		36	35	29		18
45		28	29		34		
	6	39		12	18	10	14

180
300
219
193
224
202
223
135

252	201	184	217	208	218	196	200



Across

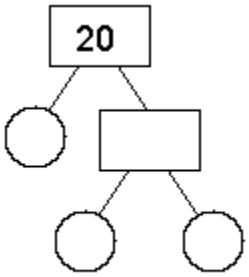
1. 124 + 287
4. 405 + 325
7. 29 x 4
10. 713 + 171
12. 342 + 178
14. 7 + 5
15. 612 / 6
17. 5 + 55
18. 50 + 67
20. 27 + 91
23. 223 + 87
25. 199 + 214
27. 425 - 15
29. 9 + 4
30. 375 + 126
32. 15 + 6
33. 26 + 79
34. 50 x 8

Down

2. 570 / 5
3. 5 + 6
5. 63 + 282
6. 507 + 274
8. 4800 / 8
9. 714 - 14
11. 587 + 234
13. 139 + 129
15. 27 - 10
16. 633 / 3
19. 193 -90
21. 201 - 97
22. 281 - 40
23. 1200 / 4
24. 291 - 90
26. 78 +53
28. 960 / 8
30. 12 + 43
31. 11 + 3

Find the prime factors of the numbers

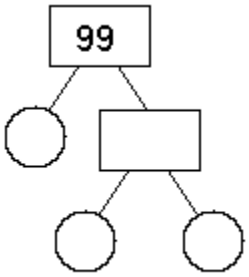
1) 20



Prime factors

___ X ___ X ___ = 20

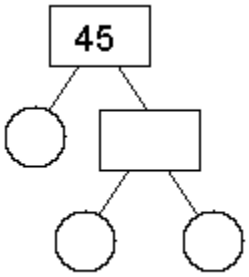
2) 99



Prime factors

___ X ___ X ___ = 99

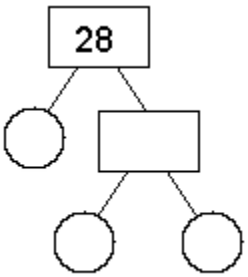
3) 45



Prime factors

___ X ___ X ___ = 45

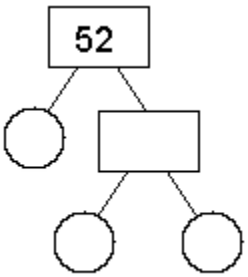
4) 28



Prime factors

___ X ___ X ___ = 20

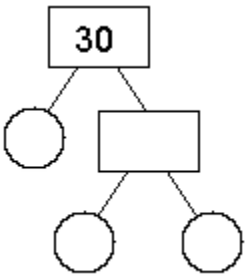
5) 52



Prime factors

___ X ___ X ___ = 99

6) 30



Prime factors

___ X ___ X ___ = 45

Use the key and find out the sentence

1=O	8=A	15=E	22=K
2=H	9=V	16=X	23=R
3=B	10=T	17=G	24=W
4=L	11=J	18=D	25=U
5=Q	12=C	19=P	26=Z
6=M	13=S	20=I	
7=F	14=N	21=Y	

__ __ __ __ __ __ __ __ __ __

20 10 20 13 22 20 14 18 1 7

__ __ __ __ __ __ __ __ __ __

7 25 14 10 1 18 1 10 2 15

__ __ __ __ __ __ __ __ __ __

20 6 19 1 13 13 20 3 4 15

1. 512, 256, 128, 64,_____

To find the next number after 64 we should

a) Divide 64 by 2 c) multiply 64 by 2

b) Add 2 to 64 d) subtract 2 from 64

2. If 'Green' is called 'Red', 'Red' is called 'Yellow' and 'Yellow' is called 'Blue', what is the colour of parrot?

a) Green b) Red c) Yellow d) Blue

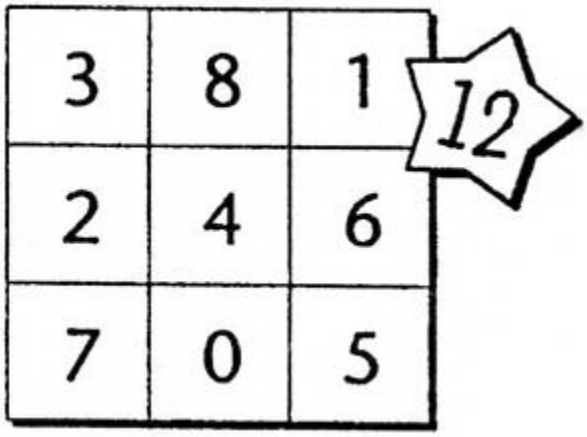
3. If 'School' is called 'Home', 'Home' is called 'Bank' and 'Bank is called 'Temple' then where do we go to deposit or withdraw cash?

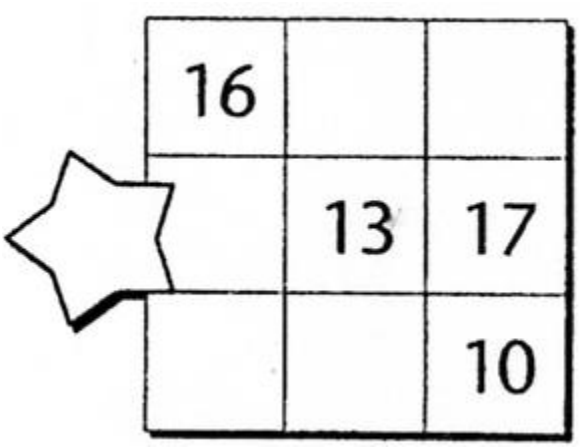
a)Temple b) Bank c) College d) Home

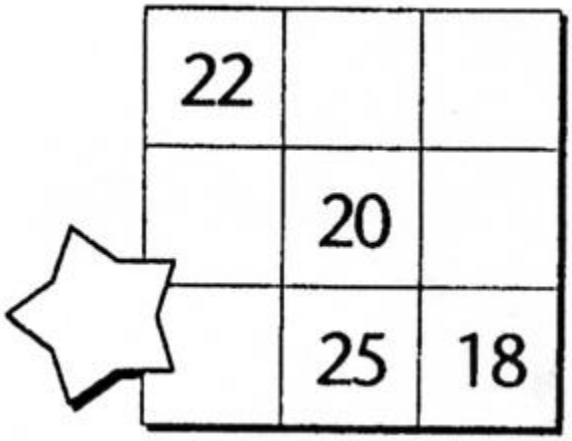
Solve as directed

Vertical rows, horizontal rows and diagonals all add up to the same amount in magic square. This total is known as the magic number or constant. Write the magic number in the bubble shown below.

Example:



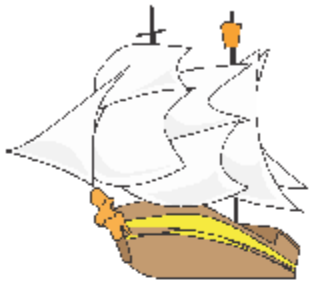




Multiples Sequence Maze

Name: _____ Date: _____

Help the pirates find their secret island by following the path of numbers which are multiples of 6 in order.



234	168	156	78	192	30	6	114	288	252	198	30
72	66	60	54	138	264	12	108	186	48	186	264
78	222	300	48	162	66	18	204	270	234	306	144
84	90	72	42	36	30	24	198	42	6	282	246
174	96	156	66	114	264	168	240	114	282	102	36
108	102	6	210					324	318	312	12
114	228	162	30					192	126	306	192
120	312	72	48					36	126	300	72
126	270	18	288					138	288	294	144
132	6	174	228					72	282	120	180
138	6	156	264	252	60	294	246	240	276	270	192
144	54	108	174	72	30	258	234	294	192	264	30
150	288	102	192	198	204	90	312	120	252	258	312
156	162	228	186	54	210	216	222	264	246	204	150
138	168	174	180	300	234	108	228	234	240	132	72