

MAGIC SQUARES

23

TARGET To solve number puzzles involving addition and subtraction.

In a magic square the sum of each row, column and diagonal is the same.

21	10	17
12	16	20
15	22	11

Example

Row $15 + 22 + 11 = 48$

Column $10 + 16 + 22 = 48$

Diagonal $11 + 16 + 21 = 48$

Copy and complete the following magic squares.

A

1

3		5
	8	
		13

2

		14
10	9	17

3

	3	
	15	
	27	5

4

22	21	14
		27

5

		18
	22	
26	6	

B

1

	17		3
11		9	
	10	13	
16		2	15

2

9			7
6	15	1	12
	10		
		11	2

3

21		16	
8	15	13	
		6	17
	9	19	

4

6	19		5
		11	
	12		10
18		4	17

C

1

2		4
	1	
-2		

2

0	3	-6
4		

3

-2		
	-3	-7
		-4

4

		-1
		4
	2	-3

5

-7		
	-2	
	-10	3