

MAGIC SQUARES

9

TARGET To solve number puzzles involving the addition and subtraction of positive and negative numbers.

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

-7	2	-1
4	-2	-8
-3	-6	3

Example

Row $4 + -2 + -8 = -6$

Column $2 + -2 + -6 = -6$

Diagonal $3 + -2 + -7 = -6$

Copy and complete the following magic squares.

A

1

		11
	14	
17	6	

2

26		
32	17	20

3

25		
	18	
17		11

4

	29	
	25	
	21	34

5

12		
57		
18		46

B

1

1		
-4	3	-2

2

		-5
		4
5		1

3

-1		
	-2	
-5		-3

4

	-7	8
	1	
-6		

5

-2		
5		
6		8

C

1

1			2
-6	7	4	-7
	-5		
		3	-2

2

	3		8
9		2	
	1	5	
-5		0	7

3

4			3
-5	-2	1	-4
	-6		
		2	-9

4

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