

ACTION

RESPONSE

Fluency



1) $4 - 7$

4) $8 - -4$

7) $-9 - 8$

10) $0 - -8$

2) $8 + 12$

5) $-5 + 9$

8) $10 - 12$

11) $4 + -7$

3) $7 - 13$

6) $2 - 12$

9) $0 - 5$

12) $-3 + -8$

Reasoning



Complete the magic squares so they have the same row, column and diagonal totals.

-5		
	-2	
	3	1

-5		
	-2	
3		1

		2
-22	5	-13

Problem Solving



I have some strange dice: the faces show the numbers 1 to 6 as usual, except that the odd numbers are negative (i.e. -1, -3, -5 in place of 1, 3, 5). If I throw two dice, which of the following totals cannot be achieved?

a) 3

b) 7

c) 8



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