

Challenge

The Case of the Missing Numbers

Detective Digit has just gotten a call from the mayor. In the town of Mathville, numbers are missing! Detective Digit has asked you to help out with this case. Detective Digit believes that by using the information given and the rules of addition and subtraction, you can find the unknown numbers and the number thief.

Find the unknown numbers. After you have found all the numbers, write the matching letter above each unknown number at the bottom and you will have the name of the number thief. Good luck.

Number Sentence	Matching Letter
1. $8 - \underline{\quad\quad\quad} = 0$	S
2. $12 + 5 + \underline{\quad\quad\quad} = 17 + 4$	E
3. $9 + \underline{\quad\quad\quad} = 6 + 9$	R
4. $15 + 10 = \underline{\quad\quad\quad} + 3 + 15$	A
5. $9 - \underline{\quad\quad\quad} = 9$	M
6. $8 + 12 = \underline{\quad\quad\quad} + 8$	R
7. $0 + \underline{\quad\quad\quad} = 11$	E
8. $12 + 7 = 12 + \underline{\quad\quad\quad} + 6$	R

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Number Sentence

Matching Letter

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2. $12 + 5 + \underline{\quad 4 \quad} = 17 + 4$

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3. $9 + \underline{\quad 6 \quad} = 6 + 9$

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4. $15 + 10 = \underline{\quad 7 \quad} + 3 + 15$

A

5. $9 - \underline{\quad 0 \quad} = 9$

M

6. $8 + 12 = \underline{\quad 12 \quad} + 8$

R

7. $0 + \underline{\quad 11 \quad} = 11$

E

8. $12 + 7 = 12 + \underline{\quad 1 \quad} + 6$

R

M

R

E

R

A

S

E

R

0

6

4

1

7

8

11

12