## Writing and Evaluating Expressions with Addition and Subtraction


(1) Decide which keyword belongs to which operation.


Determine the total number of bags of sour sweets the scarecrow has.


Establish the corresponding algebraic expression.

Find the mistakes in the calculation.

Decide how many more muffins Ben has eaten than Jerry.
Identify the unknown quantity in each word problem. Write the corresponding expression down and evaluate it.
with lots of tips, answer keys, and detailed answer explanations for all of the problems.

The complete package, including all problems, hints, answers, and detailed answer explanations is available for all sofatutor.com subscribers.

## Decide which keyword belongs to which operation.

Assign the keywords to the regarding sign.

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## Hints for solving these problems

## 1 Decide which keyword belongs to which operation.

## Hint \#1

Create an example for each given keyword.
For example, Paul has 4 books and Anne has 3 books more than Paul.
So Anna has 7 books.

## Hint \#2

Keep the following in mind:

- Summand + summand $=$ sum. The corresponding operation is addition.
- Minuend - subtrahend $=$ difference. The corresponding operation is subtraction.


## Hint \#3

-     + is the plus-sign for addition.
-     - is the minus-sign for subtraction.


## Answers and detailed answer explanations for these problems

1 Decide which keyword belongs to which operation.
Answer key: A: 3, 5, 6 // B: 1, 2, 4

To write and to evaluate algebraic expressions you first have to recognize keywords for the corresponding operation.

The following are some keywords for addition:

- add
- altogether
- more than
- both
- in all
- in total
- sum

The following are some keywords for subtraction:

- difference
- fewer than
- left
- minus
- remains
- subtract

