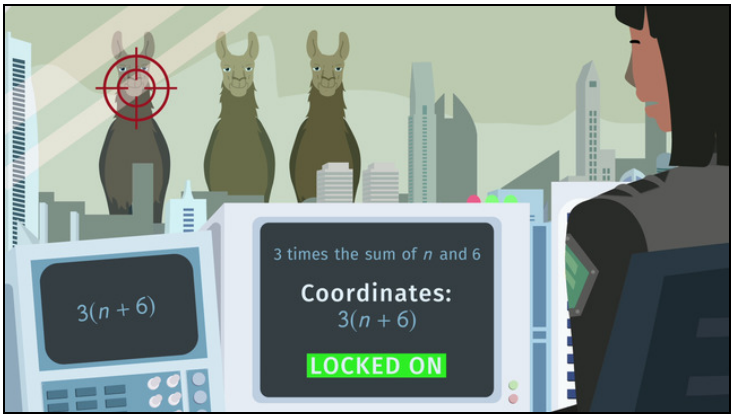
Worksheets to print out from sofatutor.com

How to Read Complex Expressions



1. **Name keywords that indicate operations.**
2. Explain how to read algebraic expressions out loud.
3. Represent the given expression in an algebraic form.
4. Identify each algebraic expression with the correct way of reading it out loud.
5. Determine the right expression in written form for each of the given audio clips.
6. Find the right audio clip(s) for the expression.

\+ with many hints, answer keys, and solution approaches for all tasks

The complete package, **including all tasks, hints, solutions, and solution approaches**, is available to all subscribers of sofatutor.com

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Name keywords that indicate operations.

Choose the correct keywords.

How can you identify which operation, if any, should be used? Mark the keywords which can be identified with operations.

- [ ] A: sum
- [ ] B: number
- [ ] C: difference
- [ ] D: times
- [ ] E: quotient
- [ ] F: variable
- [ ] G: term
- [ ] H: plus

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Our hints for the tasks

1 from 6

Name keywords that indicate operations.

1. Hint

You can use numbers in algebraic operations: $5 + 6$.

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2. Hint

You can also multiply numbers by variables: $5 \times x$

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3. Hint

Keep the following terms in mind:

- summand $+$summand $=$sum
- minuend $-$subtrahend $=$difference
- factor $\times$factor $=$product
- dividend $\div$divisor $=$quotient

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Solutions and solution approaches for the tasks

1 from 6

Name keywords that indicate operations.

Answer key: A, C, D, E, H

To transform a given expression in an algebraic term, we first have to decide which operations are used.

There are a lot of keywords indicating the use of an operation:

- **sum** or **plus** indicate addition: $+$
- **difference** indicates subtraction: $-$
- **times** indicates multiplication: $\times$
- **quotient** indicates division: $\div$

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