



Printable Worksheets from [sofatutor.com](https://www.sofatutor.com)

Evaluating Expressions

x	1	2	3	4	5	6
length	55	60	65	70	75	80

- 1 Label the different parts of the expression.
- 2 Calculate the length of hair after given number of months.
- 3 Find an equation that represents Rap-Punzel's hair length after x months.
- 4 Evaluate how long Rap-Punzel's hair is after one year.
- 5 Determine how long it takes until the magic beanstalk grows to a height of 100 inches.
- 6 Decide which function table belongs to which equation.
- + 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](https://www.sofatutor.com) subscribers.



Label the different parts of the expression.

Fill in the blanks.

fraction

operation sign

denominator

constant

coefficient

variable

1

3

2

$5x + 50$



Hints for solving these problems

1
of 6

Label the different parts of the expression.

Hint #1

A constant is independent of the variable.

Hint #2

The term above represents the length of Rap-Punzel's hair after x months.

In the beginning, Rap-Punzel's hair is 50 inches long.



Answers and detailed answer explanations for these problems

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of 6

Label the different parts of the expression.

Answer key: 1: coefficient // 2: variable // 3: constant

$$5x + 50$$

This expression represents the length of Rap-Punzel's hair after x months.

- The coefficient to the variable is the rate of growth, 5.
- x represents the unknown number of months.
- Finally, our constant is the starting length of her Rap-Punzel's hair in inches, 50.