TOOL // Grade 5 Expressions – Assessment As/Of Learning

What is it used for?
The tool provides students with an opportunity to practice for a summative assessment and receive peer and teacher feedback prior to writing an assessment. The goal is to allow students to identify what they know, what they need help with and to obtain support in deepening their understanding before a summative assessment.

How do you use it?
Each student is given the assessment review. They complete it in half of the class. They then meet with a partner and share their responses and answers. They discuss and improve where needed. They may ask the teacher for feedback if both are having trouble with a particular skill and have checked their text or notebook. Students highlight what they need to review prior to the summative assessment. They write the summative assessment in the next couple of days and the teacher evaluates using the rubric. When the assessment is returned, the students are asked to reflect on how well they did in response to the pre-assessment feedback.

How do you adapt it to other subjects and topics?
This tool could be adjusted to be used for any math assessment.
Write the definition of each word and show with an example:

**Expression**
__________________________________________________________

**Product**
__________________________________________________________

**Constant**
__________________________________________________________

**Variable**
__________________________________________________________

**Operation**
__________________________________________________________

**Quotient**
__________________________________________________________

Evaluate each expression

- \(2b + 11\) \(b=20\)
- \(5x - 15\) \(x=12\)
- \(14 - x + 8\) \(x=6\)
- \(\frac{24}{b}\) \(y=8\) \(b=3\)

Write the expression for:

- **15 increased by y**
  _______________________________________________________
- **The quotient of 6 and x**
  _______________________________________________________
- **The product of 9 and y**
  _______________________________________________________
- **The difference between 12 and x**
  _______________________________________________________

Write words to describe the equation

- \(11x - 2\)
  _______________________________________________________
- \(10 + 7s\)
  _______________________________________________________

If you order Tyco Beany Babies on line it costs $3.00 per Stuffy plus $10.00 shipping. Write an algebraic expression to show what it costs to order Beanie Babies on line? Use your algebraic expression to show what it would cost if you ordered 6 Beanie Babies.

Don can collect 5 shells per day while he is on vacation plus 6 extras. Write an algebraic expression to show how many shells he could collect? Use you algebraic expression to show how many he collected if he was on vacation for 2 weeks.
The NDSS cafeteria charges the school $6.00 per students for the lunch meal. Write an algebraic expression to show the cost of lunch for students in the school. What would the school pay for 200 students?

Amazon charges $4.00 per book plus a $15.00 to ship the books to your house. Write an algebraic expression to show the cost of order any number of books. What would it cost you if you bought 8 books?