

The following items/sets of items (all found online) are assessing standards 7.EE.A.2.

For each item/set of items provide the following:

- Label each item/set of items as formative, summative, or both.
- Which Mathematical Learning Goal does each align to?
- Which Performance Goal does each align to?
- Which level from the Evidence of Learning Statements (1-4) on the Instructional Focus Document best matches each?
- Would you modify the item(s) in any way? If so how?

1.

Scones & Stuff is having a huge 30% off sale this week. Write two expressions to show your total cost if you buy s scones. What does each expression tell us about the situation?

2.

Are the expressions $6(a + 0.5) - 1$ and $6a + 3$ equivalent? Why or why not?

3. Hannah likes candy. He wants to purchase some candies. All varieties of candy are \$4.20 each. Hannah buys one mango candy and one apple candy. Write an expression that represents the total cost, T , of the candy if m represents the number of mango candies and a represents the number of apple candies.

4.

Camacho is buying a monster truck. The price of the truck is x dollars, and he also has to pay a 13% monster truck tax.

Match the expressions to their meanings. Each meaning may match more than one expression.

	The price of Camacho's new truck before tax	The amount of tax Camacho pays	Camacho's total bill for the monster truck	None of these
$0.13x$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$x + 0.13$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$1.13x$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
x	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$x + 1.13$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$0.87x$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
$x + 0.13x$	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>