

Grade 7 Mathematics
Secondary Education
MAFS.7.EE.1.2



Calculator is Neutral
for this Standard

Name: _____ Date: ___/___/___

1. Lupita purchased a new ball gown to wear to the prom. The expression $0.06g$ represents the sales tax on the gown price, g . Write the simplest form of an expression in terms of g to represent the total amount that Lupita spent on the gown, including tax.

2. Bernard used the expression $18x + 27$ to calculate his earnings. Select all of the expressions that are equivalent to Bernard's expression?

A. $9(2x + 3)$ B. $9(18x + 27)$ C. $9(2x + 27)$ D. $3(6x + 27)$ E. $3(6x + 9)$

3. Mr. Raymond's compost box has c pounds of compost in it. After a trip to the garden supplier he increased the amount of compost in the box by 30%. He then used half of the compost in his tomato garden. Write an expression, in simplest form, to show how much compost is left in the box.

4. Gill's dealership had v vehicles on his lot. He had sold 9% of the vehicles on his lot by the end of last month. Which expression shows the number of vehicles left on Gill's lot?

A. $0.09v$ B. $v + 0.09v$ C. $1 - 0.09v$ D. $v - 0.09v$

5. The items Matt ate at dinner cost m dollars. He added 6.5% to the cost of dinner for sales tax. Matt paid \$25 using a gift card and used cash for the rest. Select all of the expressions that show the amount Matt paid using cash.

A. $0.065m - 25$

B. $6.5m - 25$

C. $(m + 6.5m) - 25$

D. $(m + 0.065m) - 25$

E. $1.065m - 25$