13. Which expression is equivalent to the one given below? Circle all that apply.

$$18r + (7 - 2) \times 3m$$

A. $18r + 5 + 3m$

B. $18r + 15m$

C. $18r + m$

D. $3(6r + 5m)$

E. $15m + 18r$

F. $23r + 3m$

G. $m + 18r$

14. Evaluate the expression for each given value of x. Circle each correct value.

$$7x - 5(2x + 9)$$

$x = -3$ value of expression =

-6
-36
-54

$x = 10$ value of expression =

-21
-39
-75

$x = 7$ value of expression =

$1,012$
-30
-66

15. Look at each equation. Is the expression on the left simplified correctly on the right?
Select Yes or No.

A. $8p + 10q - 4p = 12p + 10q$ ○ Yes ○ No

B. $15p - 2(3q + p) = 13p - 6q$ ○ Yes ○ No

C. $\dfrac{10p}{2q} = \dfrac{5p}{q}$ ○ Yes ○ No

D. $-5p \times -3q = -15pq$ ○ Yes ○ No

16. Select True or False for each equation.

A. $-10 \times 3(6 - 4) = -60$ ○ True ○ False

B. $\dfrac{9}{6^2} = \dfrac{1}{4}$ ○ True ○ False

C. $15 - 6 \times -4 = -36$ ○ True ○ False

D. $7^2 + (10 - 5) = 54$ ○ True ○ False