1.12 Translating Algebraic Expression 3

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Write the phrase as a variable expression. Use x to represent "a number."

1) The sum of -11 and a number
   A) -11 - x  B) -11 +x  C) 11 +x  D) -11x

2) the difference of Three and a number
   A) 3x  B) 3 - x  C) x - 3  D) \( \frac{3}{x} \)

3) Negative nine decreased by 3 times a number
   A) 9 - 3x  B) -9 - 3x  C) -9 +3x  D) 9 +3x

4) The quotient of 34 and the product of a number and -9
   A) \( \frac{34}{x} - 9 \)  B) -306x  C) \( \frac{34}{-9x} \)  D) \( \frac{-9x}{34} \)

5) Fourteen subtracted from a number
   A) 14 - x  B) 14x - 14  C) \( \frac{x}{14} \)  D) x - 14

6) The quotient of 24 times a number and -4
   A) 24x +4  B) 24x - 4  C) \( \frac{24x}{-4} \)  D) \( \frac{1}{-96x} \)

7) A number divided by -18
   A) \( \frac{-18}{x} \)  B) -18x  C) \( \frac{x}{-18} \)  D) x - (-18)

8) A number subtracted from -16
   A) -16x  B) -16 +x  C) x - (-16)  D) -16 - x

9) Four times the sum of a number and -5
   A) 4+x +(-5)  B) 4x - (-5)  C) 4x +(-5)  D) 4[x +(-5)]

10) Nine times a number, decreased by 16
    A) 9(x - 16)  B) 9x - 16  C) 9x +16  D) 9(x +16)
Answer Key
Testname: 1.12 TRANSLATING ALG EXPRESSIONS 3

1) B
2) B
3) B
4) C
5) D
6) C
7) C
8) D
9) D
10) B