

ASSIGNMENT -1

Algebraic Expressions

A. Do as directed.

1. Length of a rectangle is $(3x - 7)$ cm and its breadth is $(4x + 8)$ cm. Find its area.
2. Find the product and verify your answer for $x = -1$ and $y = 3$.
 $(x + y)(x^2y - x + 1)$
3. Add $3x^2 - 4x - 2$ to the product of $(7x - 4)$ and $(5 + x)$.
4. Simplify: $7x^2 + x(x + y - 1) - y(2x + 4) - 3(x - y - 4)$
5. If $(x + 4)(x + 1) - (x - 1)(x - 2) = 0$, what is the value of x ?
6. Find the co-efficient of x^2 in the product of $(2 - x)(5x - 3)$.