Exercise 45

In the following exercises, translate the phrases into algebraic expressions.

(a) the sum of $4ab^2$ and $3a^2b$

(b) the product of $4y^2$ and $5x$

(c) Fifteen more than m

(d) $9x$ less than $121x^2$

Solution

(a) $4ab^2 + 3a^2b$

(b) $(4y^2)(5x) = 20xy^2$

(c) $m + 15$

(d) $121x^2 - 9x$